Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092622\
Data File : BM036753.D
Acq On : 26 Sep 2022 19:58
Operator : CG/JU
Sample : PB147885BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Sep 26 23:15:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 26 23:10:22 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SLCS885

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/27/2022
Supervised By :mohammad ahmed 09/28/2022

09/27/2022
Supervised By :mohammad ahmed

09/28/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.004	152	367874	20.000	ng/ul	0.00
20) Naphthalene-d8	10.816	136	1610724	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.633	164	992922	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.368	188	2031931	20.000	ng/ul	0.00
79) Chrysene-d12	21.538	240	1806840	20.000	ng/ul	0.00
88) Perylene-d12	23.974	264	1465872	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	64699	6.593	ng/uL	0.00
4) Pyridine-d5	3.816	84	840147	29.356	ng/ul	0.00
7) Phenol-d5	7.163	99	1266679	38.530	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.333	67	764238	38.279	ng/ul	0.00
11) 2-Chlorophenol-d4	7.533	132	967878	40.893	ng/ul	0.00
15) 4-Methylphenol-d8	8.716	113	984814	40.542	ng/ul	0.00
21) Nitrobenzene-d5	9.175	128	481164	44.135	ng/ul	0.00
24) 2-Nitrophenol-d4	9.898	143	474818	48.623	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.433	165	919547	40.632	ng/ul	0.00
31) 4-Chloroaniline-d4	10.951	131	1207236	32.084	ng/ul	0.00
46) Dimethylphthalate-d6	14.045	166	2636503	39.370	ng/ul	0.00
49) Acenaphthylene-d8	14.327	160	3225292	40.603	ng/ul	0.00
54) 4-Nitrophenol-d4	14.827	143	509898	39.257	ng/ul	0.00
60) Fluorene-d10	15.621	176	2361761	39.354	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	360202	44.806	ng/ul	0.00
73) Anthracene-d10	17.468	188	3586275	38.601	ng/ul	0.00
81) Pyrene-d10	19.750	212	3969654	44.658	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.815	264	2931547	40.934	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.422	88	131843	12.472	ng/uL	99
5) Pyridine	3.834	79	957292	33.293	ng/ul	95
6) Benzaldehyde	7.139	77	746363m	46.884	ng/ul	
8) Phenol	7.192	94	1293519	36.661	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.428	93	980067	35.701	ng/ul	100
12) 2-Chlorophenol	7.563	128	981145	38.321	ng/ul	100
13) 2-Methylphenol	8.451	108	943243	36.370	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.539	45	1187863	36.508	ng/ul	99
16) Acetophenone	8.833	105	1500011	35.601	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.828	70	758637	37.315	ng/ul	97
18) 4-Methylphenol	8.780	108	1042183	37.162	ng/ul	99
19) Hexachloroethane	9.086	117	378887	36.536	ng/ul	99
22) Nitrobenzene	9.216	77	1141891	39.449	ng/ul	99
23) Isophorone	9.751	82	2109563	35.743	ng/ul	100
25) 2-Nitrophenol	9.927	139	508515	42.160	ng/ul	98
26) 2,4-Dimethylphenol	9.986	107	1058990	35.598	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.227	93	1286811	36.580	ng/ul	99
29) 2,4-Dichlorophenol	10.463	162	908752	38.196	ng/ul	99
30) Naphthalene	10.869	128	3138408	35.767	ng/ul	100
32) 4-Chloroaniline	10.980	127	1247332	32.109	ng/ul	99
33) Hexachlorobutadiene	11.151	225	499345	34.316	ng/ul	99
34) Caprolactam	11.774	113	288136m	37.335	ng/ul	
35) 4-Chloro-3-methylphenol	12.098	107	1014156	38.615	ng/ul	98
36) 2-Methylnaphthalene	12.468	142	2129478	36.425	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.686	142	2148654	36.559	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.833	216	1013193	36.052	ng/ul	99
40) Hexachlorocyclopentadiene	12.816	237	442445	30.209	ng/ul	97
41) 2,4,6-Trichlorophenol	13.074	196	673217	39.123	ng/ul	100
42) 2,4,5-Trichlorophenol	13.139	196	733273	39.746	ng/ul	99
43) 1,1'-Biphenyl	13.474	154	2725557	37.237	ng/ul	99
44) 2-Chloronaphthalene	13.515	162	2102573	36.608	ng/ul	99
45) 2-Nitroaniline	13.715	65	659173	46.628	ng/ul	98
47) Dimethylphthalate	14.092	163	2594820	36.528	ng/ul	99
48) 2,6-Dinitrotoluene	14.210	165	516405	44.713	ng/ul	98
50) Acenaphthylene	14.357	152	3334742	36.719	ng/ul	99
51) 3-Nitroaniline	14.539	138	577314	41.679	ng/ul#	97
52) Acenaphthene	14.698	153	2341760	36.852	ng/ul	100
53) 2,4-Dinitrophenol	14.739	184	206706	40.336	ng/ul	96
55) 4-Nitrophenol	14.839	109	402735	36.272	ng/ul	98
56) Dibenzofuran	15.027	168	3144869	36.852	ng/ul	99
57) 2,4-Dinitrotoluene	14.992	165	745420	44.396	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.251	232	603538	39.080	ng/ul#	96
59) Diethylphthalate	15.451	149	2656276	37.354	ng/ul	100
61) Fluorene	15.674	166	2722084	37.452	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.668	204	1279844	36.820	ng/ul	100
63) 4-Nitroaniline	15.698	138	583824	43.382	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.751	198	363856	40.108	ng/ul	98
67) N-Nitrosodiphenylamine	15.880	169	2217603	37.055	ng/ul	99
68) 4-Bromophenyl-phenylether	16.562	248	712120	35.557	ng/ul	96
69) Hexachlorobenzene	16.674	284	821201	34.667	ng/ul	100
70) Atrazine	16.833	200	746589	35.353	ng/ul	98
71) Pentachlorophenol	17.015	266	483164	34.338	ng/ul	99
72) Phenanthrene	17.409	178	4160298	37.172	ng/ul	99
74) Anthracene	17.503	178	4193607	36.863	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.433	216	1054733	37.952	ng/uL	99
76) Pentachlorobenzene	14.945	250	947612	31.526	ng/uL	99
77) Carbazole	17.768	167	3798006	36.060	ng/ul	100
78) Di-n-butylphthalate	18.333	149	4632358	38.804	ng/ul	99
80) Fluoranthene	19.421	202	4622391	42.436	ng/ul	99
82) Pyrene	19.780	202	4870856	42.245	ng/ul	97
83) Butylbenzylphthalate	20.674	149	2000031	45.778	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.456	252	1352872	38.320	ng/ul	98
85) Benzo(a)anthracene	21.521	228	4265319	37.677	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.450	149	3112072	48.762	ng/ul	99
87) Chrysene	21.580	228	3923709	36.515	ng/ul	100
89) Di-n-octyl phthalate	22.385	149	4805431	54.376	ng/ul	100
90) Benzo(b)fluoranthene	23.232	252	3796583	40.843	ng/ul	99
91) Benzo(k)fluoranthene	23.280	252	3573025	38.468	ng/ul	99
93) Benzo(a)pyrene	23.868	252	3144314	38.478	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.509	276	3320397	34.794	ng/ul	97
95) Dibenzo(a,h)anthracene	26.532	278	2977532	34.405	ng/ul	99
96) Benzo(g,h,i)perylene	27.291	276	2864354	34.623	ng/ul	99

09/27/2022
Supervised By :mohammad ahmed

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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