Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120122\
Data File : BP012924.D
Acq On : 01 Dec 2022 19:13
Operator : CG/JU
Sample : SSTD04008
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 01 22:57:28 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120122.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 01 22:54:44 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD040627

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/08/2022
Supervised By :mohammad ahmed 12/08/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.004	152	340142	20.000	ng/ul	0.00
20) Naphthalene-d8	10.822	136	1666359	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.645	164	1224200	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.398	188	2864921	20.000	ng/ul	0.00
79) Chrysene-d12	21.480	240	3126979	20.000	ng/ul	0.00
88) Perylene-d12	23.986	264	3433811	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	125646	15.829	ng/uL	0.00
4) Pyridine-d5	3.816	84	1024648	43.135	ng/ul	0.00
7) Phenol-d5	7.157	99	1311563	46.924	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	743143	43.148	ng/ul	0.00
11) 2-Chlorophenol-d4	7.534	132	976096	45.831	ng/ul	0.00
15) 4-Methylphenol-d8	8.710	113	1079158	47.920	ng/ul	0.00
21) Nitrobenzene-d5	9.175	128	517229	50.713	ng/ul	0.00
24) 2-Nitrophenol-d4	9.898	143	599627	55.370	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.440	165	1163430	46.043	ng/ul	0.00
31) 4-Chloroaniline-d4	10.957	131	1620592	46.835	ng/ul	0.00
46) Dimethylphthalate-d6	14.051	166	3673341	43.593	ng/ul	0.00
49) Acenaphthylene-d8	14.339	160	4175874	42.473	ng/ul	0.00
54) 4-Nitrophenol-d4	14.833	143	782363	52.077	ng/ul	0.00
60) Fluorene-d10	15.633	176	3240389	43.910	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	712393	52.027	ng/ul	0.00
73) Anthracene-d10	17.498	188	5328366	42.251	ng/ul	0.00
81) Pyrene-d10	19.721	212	6556295	36.084	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.827	264	7234885	42.895	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.422	88	133875	15.704	ng/uL	95
5) Pyridine	3.834	79	1007629	43.352	ng/ul	100
6) Benzaldehyde	7.140	77	705436	51.691	ng/ul	99
8) Phenol	7.187	94	1371066	46.781	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.422	93	1045879	43.554	ng/ul	99
12) 2-Chlorophenol	7.569	128	1051782	45.399	ng/ul	99
13) 2-Methylphenol	8.446	108	1075170	47.202	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.540	45	1468144	42.387	ng/ul	99
16) Acetophenone	8.834	105	1712126	47.968	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.822	70	854205	48.582	ng/ul	98
18) 4-Methylphenol	8.775	108	1198102	47.759	ng/ul	99
19) Hexachloroethane	9.098	117	382991	43.109	ng/ul	97
22) Nitrobenzene	9.216	77	1226512	45.852	ng/ul	98
23) Isophorone	9.746	82	2588784	43.900	ng/ul	100
25) 2-Nitrophenol	9.928	139	670604	51.589	ng/ul	96
26) 2,4-Dimethylphenol	9.987	107	1269848	43.962	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.228	93	1526304	42.216	ng/ul	99
29) 2,4-Dichlorophenol	10.463	162	1175214	44.896	ng/ul	100
30) Naphthalene	10.875	128	3650387	41.835	ng/ul	99
32) 4-Chloroaniline	10.981	127	1673707	47.099	ng/ul	100
33) Hexachlorobutadiene	11.157	225	720972	41.352	ng/ul	99
34) Caprolactam	11.763	113	431596m	53.695	ng/ul	
35) 4-Chloro-3-methylphenol	12.092	107	1293095	48.783	ng/ul	99
36) 2-Methylnaphthalene	12.475	142	2656682	44.214	ng/ul	98

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37) 1-Methylnaphthalene	12.692	142	2680468	44.511	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.839	216	1553827	39.803	ng/ul	99
40) Hexachlorocyclopentadiene	12.822	237	776876	41.301	ng/ul	100
41) 2,4,6-Trichlorophenol	13.075	196	1078175	44.141	ng/ul	99
42) 2,4,5-Trichlorophenol	13.145	196	1176110	44.791	ng/ul	100
43) 1,1'-Biphenyl	13.481	154	3557888	39.896	ng/ul	99
44) 2-Chloronaphthalene	13.522	162	2874113	40.286	ng/ul	100
45) 2-Nitroaniline	13.722	65	822711	58.939	ng/ul	98
47) Dimethylphthalate	14.098	163	3851782	43.607	ng/ul	99
48) 2,6-Dinitrotoluene	14.216	165	785737	56.841	ng/ul	100
50) Acenaphthylene	14.363	152	4504649	41.901	ng/ul	100
51) 3-Nitroaniline	14.545	138	834322	52.115	ng/ul	97
52) Acenaphthene	14.710	153	3154894	41.683	ng/ul	99
53) 2,4-Dinitrophenol	14.745	184	521674	58.729	ng/ul	100
55) 4-Nitrophenol	14.845	109	547265	50.141	ng/ul	97
56) Dibenzofuran	15.039	168	4426220	42.427	ng/ul	99
57) 2,4-Dinitrotoluene	14.998	165	1172326	57.469	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.263	232	1090360	48.178	ng/ul	100
59) Diethylphthalate	15.463	149	3841725	44.932	ng/ul	98
61) Fluorene	15.692	166	3644604	43.562	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.681	204	1895650	43.670	ng/ul	100
63) 4-Nitroaniline	15.710	138	816748	59.858	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.763	198	763546	51.949	ng/ul	97
67) N-Nitrosodiphenylamine	15.898	169	3276200	40.237	ng/ul	100
68) 4-Bromophenyl-phenylether	16.580	248	1235139	43.804	ng/ul	99
69) Hexachlorobenzene	16.698	284	1496234	41.633	ng/ul	99
70) Atrazine	16.851	200	1274054	45.607	ng/ul	98
71) Pentachlorophenol	17.039	266	967878	43.855	ng/ul	99
72) Phenanthrene	17.439	178	6280817	41.134	ng/ul	99
74) Anthracene	17.533	178	6338738	41.962	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.445	216	1599546	36.114	ng/uL	99
76) Pentachlorobenzene	14.957	250	1770433	38.453	ng/uL	99
77) Carbazole	17.798	167	5927812	46.388	ng/ul	100
78) Di-n-butylphthalate	18.339	149	7078641	46.792	ng/ul	100
80) Fluoranthene	19.398	202	7839419	34.687	ng/ul	99
82) Pyrene	19.751	202	8095193	34.632	ng/ul	99
83) Butylbenzylphthalate	20.616	149	3289266	60.134	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.392	252	3061837	53.320	ng/ul	100
85) Benzo(a)anthracene	21.468	228	8395913	38.820	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.374	149	4805454	57.447	ng/ul	98
87) Chrysene	21.521	228	7827561	37.432	ng/ul	99
89) Di-n-octyl phthalate	22.339	149	8459014	43.138	ng/ul	100
90) Benzo(b)fluoranthene	23.221	252	9075620	35.692	ng/ul	100
91) Benzo(k)fluoranthene	23.274	252	9030269	35.578	ng/ul	99
93) Benzo(a)pyrene	23.880	252	8192044	39.179	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.621	276	10247435	50.798	ng/ul	100
95) Dibenzo(a,h)anthracene	26.639	278	9148029	49.976	ng/ul	99
96) Benzo(g,h,i)perylene	27.433	276	8861912	51.073	ng/ul	100

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

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