Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031624\
Data File : BM044632.D
Acq On : 15 Mar 2024 14:37
Operator : MA/JU
Sample : P1759-15MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E0740MS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/19/2024

Quant Time: Mar 15 15:12:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 15 11:12:49 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.698	152	182074	20.000	ng/ul	0.00
20) Naphthalene-d8	10.480	136	755867	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.345	164	456147	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.098	188	903472	20.000	ng/ul	0.00
79) Chrysene-d12	21.297	240	807181	20.000	ng/ul	0.00
88) Perylene-d12	23.544	264	895407	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	19935	3.714	ng/uL	0.00
4) Pyridine-d5	3.657	84	214464	13.573	ng/ul	0.00
7) Phenol-d5	6.875	99	384913	20.562	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.051	67	246345	21.305	ng/ul	0.00
11) 2-Chlorophenol-d4	7.234	132	292887	21.291	ng/ul	0.00
15) 4-Methylphenol-d8	8.404	113	292016	19.863	ng/ul	0.00
21) Nitrobenzene-d5	8.857	128	147963	23.247	ng/ul	0.00
24) 2-Nitrophenol-d4	9.575	143	154642	22.538	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.104	165	288195	24.679	ng/ul	0.00
31) 4-Chloroaniline-d4	10.627	131	395295	20.381	ng/ul	0.00
46) Dimethylphthalate-d6	13.768	166	810633	22.655	ng/ul	0.00
49) Acenaphthylene-d8	14.033	160	957455	23.397	ng/ul	0.00
54) 4-Nitrophenol-d4	14.557	143	139158	18.753	ng/ul	0.00
60) Fluorene-d10	15.345	176	710342	23.623	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.474	200	111529	19.017	ng/ul	0.00
73) Anthracene-d10	17.198	188	1063694	24.631	ng/ul	0.00
81) Pyrene-d10	19.497	212	1201964	24.279	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.403	264	1164463	24.742	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	74488	13.403	ng/uL	97
5) Pyridine	3.669	79	501411	30.597	ng/ul	97
6) Benzaldehyde	6.857	77	293739	36.026	ng/ul	94
8) Phenol	6.898	94	652568	34.158	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.139	93	529613	33.760	ng/ul	96
12) 2-Chlorophenol	7.263	128	503360	35.476	ng/ul	96
13) 2-Methylphenol	8.139	108	487852	33.650	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.222	45	771410	37.236	ng/ul	98
16) Acetophenone	8.528	105	778402	34.140	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.510	70	412234	34.995	ng/ul	93
18) 4-Methylphenol	8.469	108	526543	33.364	ng/ul	95
19) Hexachloroethane	8.757	117	211193	36.337	ng/ul	99
22) Nitrobenzene	8.904	77	598666	39.662	ng/ul	96
23) Isophorone	9.428	82	1160964	37.699	ng/ul	99
25) 2-Nitrophenol	9.604	139	279546	37.370	ng/ul	95
26) 2,4-Dimethylphenol	9.663	107	513937	37.758	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.910	93	722388	37.299	ng/ul	99
29) 2,4-Dichlorophenol	10.133	162	452799	38.838	ng/ul	98
30) Naphthalene	10.527	128	1628262	38.034	ng/ul	100
32) 4-Chloroaniline	10.651	127	479728	25.657	ng/ul	99
33) Hexachlorobutadiene	10.798	225	266583	40.797	ng/ul	98
34) Caprolactam	11.439	113	157008m	34.582	ng/ul	
35) 4-Chloro-3-methylphenol	11.774	107	515058	38.096	ng/ul	98
36) 2-Methylnaphthalene	12.145	142	1078591	37.887	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.369	142	1059919	37.742	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.516	216	510157	39.312	ng/ul	99
40) Hexachlorocyclopentadiene	12.486	237	313420	36.383	ng/ul	99
41) 2,4,6-Trichlorophenol	12.769	196	338328	37.189	ng/ul	99
42) 2,4,5-Trichlorophenol	12.839	196	365826	37.522	ng/ul	100
43) 1,1'-Biphenyl	13.174	154	1378647	38.061	ng/ul	99
44) 2-Chloronaphthalene	13.216	162	1068196	37.580	ng/ul	99
45) 2-Nitroaniline	13.433	65	351167	39.353	ng/ul	99
47) Dimethylphthalate	13.816	163	1370352	37.636	ng/ul	100
48) 2,6-Dinitrotoluene	13.939	165	275087	37.824	ng/ul	97
50) Acenaphthylene	14.063	152	1813350	38.019	ng/ul	100
51) 3-Nitroaniline	14.268	138	295646	37.635	ng/ul	96
52) Acenaphthene	14.410	153	1195604	38.131	ng/ul	100
53) 2,4-Dinitrophenol	14.474	184	152436	32.767	ng/ul	94
55) 4-Nitrophenol	14.574	109	195376	37.578	ng/ul	94
56) Dibenzofuran	14.745	168	1587136	38.054	ng/ul	100
57) 2,4-Dinitrotoluene	14.727	165	395857	37.707	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.974	232	291291	36.104	ng/ul	98
59) Diethylphthalate	15.186	149	1436357	38.011	ng/ul	100
61) Fluorene	15.398	166	1307492	38.330	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.398	204	629053	39.733	ng/ul	98
63) 4-Nitroaniline	15.439	138	329005m	43.820	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.486	198	232587	37.113	ng/ul	98
67) N-Nitrosodiphenylamine	15.621	169	1088615	40.007	ng/ul	100
68) 4-Bromophenyl-phenylether	16.298	248	379583	42.005	ng/ul	97
69) Hexachlorobenzene	16.392	284	434984	42.260	ng/ul	97
70) Atrazine	16.580	200	185919	20.908	ng/ul	99
71) Pentachlorophenol	16.745	266	252919	37.212	ng/ul	100
72) Phenanthrene	17.145	178	2025941	39.529	ng/ul	99
74) Anthracene	17.233	178	2055329	39.653	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.133	216	507099	42.022	ng/uL	99
76) Pentachlorobenzene	14.657	250	497730	42.663	ng/uL	99
77) Carbazole	17.509	167	1898064	38.969	ng/ul	100
78) Di-n-butylphthalate	18.086	149	2636034	40.236	ng/ul	100
80) Fluoranthene	19.162	202	2299549	39.003	ng/ul	99
82) Pyrene	19.527	202	2396414	39.041	ng/ul	99
83) Butylbenzylphthalate	20.450	149	1158763	38.393	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.221	252	672886	38.538	ng/ul	99
85) Benzo(a)anthracene	21.280	228	2321257	38.295	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.227	149	1805617	41.031	ng/ul	99
87) Chrysene	21.333	228	2134368	38.033	ng/ul	100
89) Di-n-octyl phthalate	22.115	149	3115220	38.876	ng/ul	100
90) Benzo(b)fluoranthene	22.868	252	2277086	38.006	ng/ul	99
91) Benzo(k)fluoranthene	22.915	252	2285702	38.951	ng/ul	99
93) Benzo(a)pyrene	23.450	252	2177627	38.854	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.815	276	2669539	42.466	ng/ul	97
95) Dibenzo(a,h)anthracene	25.838	278	2269843	43.304	ng/ul	98
96) Benzo(g,h,i)perylene	26.509	276	2142653	42.712	ng/ul	99

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

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