Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049376.D
Acq On : 21 Jan 2025 22:16
Operator : RC/JU
Sample : PB166161BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jan 22 02:15:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 13 16:56:06 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SLCS161

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 01/22/2025
Supervised By :mohammad ahmed 01/24/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.522	152	167141	20.000	ng/ul	0.00
20) Naphthalene-d8	10.281	136	627488	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.157	164	393895	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.910	188	748638	20.000	ng/ul	0.00
79) Chrysene-d12	21.139	240	695917	20.000	ng/ul	0.00
88) Perylene-d12	23.921	264	695927	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.128	96	29266	7.245	ng/uL	0.00
4) Pyridine-d5	3.522	84	457948	35.610	ng/ul	0.01
7) Phenol-d5	6.716	99	497065	35.427	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.869	67	324803	34.766	ng/ul	0.00
11) 2-Chlorophenol-d4	7.063	132	396627	36.953	ng/ul	0.00
15) 4-Methylphenol-d8	8.234	113	362758	33.341	ng/ul	0.00
21) Nitrobenzene-d5	8.663	128	164482	34.374	ng/ul	0.00
24) 2-Nitrophenol-d4	9.381	143	180583	33.759	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.916	165	392826	35.988	ng/ul	0.00
31) 4-Chloroaniline-d4	10.428	131	409066	28.480	ng/ul	0.00
46) Dimethylphthalate-d6	13.581	166	1026233	35.005	ng/ul	0.00
49) Acenaphthylene-d8	13.851	160	1211578	36.201	ng/ul	0.00
54) 4-Nitrophenol-d4	14.386	143	146642	30.206	ng/ul	0.00
60) Fluorene-d10	15.157	176	905627	35.758	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.286	200	148429	31.110	ng/ul	0.00
73) Anthracene-d10	17.010	188	1362475	36.816	ng/ul	0.00
81) Pyrene-d10	19.315	212	1488394	35.143	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.733	264	1396766	37.388	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.158	88	61634	13.927	ng/uL	96
5) Pyridine	3.540	79	469412	36.109	ng/ul	97
6) Benzaldehyde	6.681	77	30510	4.033	ng/ul	96
8) Phenol	6.746	94	522792	35.838	ng/ul	99
10) Bis(2-Chloroethyl)ether	6.963	93	398022	33.506	ng/ul	98
12) 2-Chlorophenol	7.099	128	406583	36.443	ng/ul	99
13) 2-Methylphenol	7.969	108	357620	33.554	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.040	45	632265	35.513	ng/ul	99
16) Acetophenone	8.334	105	581563	32.728	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.328	70	320226	33.364	ng/ul	96
18) 4-Methylphenol	8.298	108	390230	33.418	ng/ul	99
19) Hexachloroethane	8.581	117	168378	35.125	ng/ul	95
22) Nitrobenzene	8.704	77	448604	36.188	ng/ul	99
23) Isophorone	9.234	82	794060	32.966	ng/ul	99
25) 2-Nitrophenol	9.410	139	201410	34.259	ng/ul	97
26) 2,4-Dimethylphenol	9.487	107	398064	36.178	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.716	93	506331	34.202	ng/ul	99
29) 2,4-Dichlorophenol	9.940	162	391595	36.009	ng/ul	99
30) Naphthalene	10.334	128	1166013	35.014	ng/ul	99
32) 4-Chloroaniline	10.451	127	236696	17.281	ng/ul	97
33) Hexachlorobutadiene	10.622	225	274993	35.415	ng/ul	99
34) Caprolactam	11.222	113	85647m	26.455	ng/ul	
35) 4-Chloro-3-methylphenol	11.586	107	341438	33.579	ng/ul	100
36) 2-Methylnaphthalene	11.951	142	805401	33.798	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.175	142	799645	33.726	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.328	216	497815	36.512	ng/ul	99
40) Hexachlorocyclopentadiene	12.310	237	266286	32.552	ng/ul	98
41) 2,4,6-Trichlorophenol	12.581	196	300058	35.775	ng/ul	98
42) 2,4,5-Trichlorophenol	12.651	196	326343	36.303	ng/ul	99
43) 1,1'-Biphenyl	12.986	154	1069809	37.095	ng/ul	99
44) 2-Chloronaphthalene	13.022	162	854422	37.046	ng/ul	98
45) 2-Nitroaniline	13.239	65	222702	36.594	ng/ul	100
47) Dimethylphthalate	13.628	163	1022352	35.252	ng/ul	100
48) 2,6-Dinitrotoluene	13.745	165	188692	34.875	ng/ul	96
50) Acenaphthylene	13.875	152	1229716	35.840	ng/ul	100
51) 3-Nitroaniline	14.075	138	161326	30.390	ng/ul	98
52) Acenaphthene	14.222	153	882850	36.013	ng/ul	99
53) 2,4-Dinitrophenol	14.280	184	87656	25.868	ng/ul	97
55) 4-Nitrophenol	14.398	109	113710	31.762	ng/ul	98
56) Dibenzofuran	14.563	168	1254832	36.045	ng/ul	98
57) 2,4-Dinitrotoluene	14.539	165	274541	34.194	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.798	232	260928	34.361	ng/ul	97
59) Diethylphthalate	15.010	149	978635	34.625	ng/ul	99
61) Fluorene	15.216	166	1037572	36.479	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.216	204	553645	35.716	ng/ul	99
63) 4-Nitroaniline	15.245	138	164323	34.404	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.304	198	168215	32.335	ng/ul	96
67) N-Nitrosodiphenylamine	15.433	169	832168	37.464	ng/ul	99
68) 4-Bromophenyl-phenylether	16.110	248	308309	36.218	ng/ul	99
69) Hexachlorobenzene	16.221	284	348409	35.191	ng/ul	100
70) Atrazine	16.398	200	275361	30.322	ng/ul	98
71) Pentachlorophenol	16.569	266	200366	30.548	ng/ul	99
72) Phenanthrene	16.951	178	1512539	36.342	ng/ul	99
74) Anthracene	17.045	178	1543666	36.952	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.945	216	480898	38.436	ng/uL	97
76) Pentachlorobenzene	14.480	250	447670	35.847	ng/uL	99
77) Carbazole	17.321	167	1283399	34.626	ng/ul	99
78) Di-n-butylphthalate	17.904	149	1534802	33.796	ng/ul	99
80) Fluoranthene	18.980	202	1708372	35.104	ng/ul	99
82) Pyrene	19.345	202	1813252	35.002	ng/ul	97
83) Butylbenzylphthalate	20.274	149	598106	32.611	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.062	252	403506	30.964	ng/ul	98
85) Benzo(a)anthracene	21.127	228	1753091	36.148	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.080	149	928342	34.034	ng/ul	99
87) Chrysene	21.180	228	1627187	36.752	ng/ul	100
89) Di-n-octyl phthalate	22.139	149	1550677	30.587	ng/ul	100
90) Benzo(b)fluoranthene	23.050	252	1715917	36.838	ng/ul	100
91) Benzo(k)fluoranthene	23.109	252	1731223	37.276	ng/ul	99
93) Benzo(a)pyrene	23.792	252	1559717	37.071	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.003	276	1912026	39.616	ng/ul	98
95) Dibenzo(a,h)anthracene	27.062	278	1570772	39.958	ng/ul	99
96) Benzo(g,h,i)perylene	27.962	276	1489184	41.333	ng/ul	99

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

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