Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101724\
Data File : BM048125.D
Acq On : 18 Oct 2024 03:37
Operator : RC/JU
Sample : PB164043BS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS043

Quant Time: Oct 18 04:28:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 17 15:44:59 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	219178	20.000	ng/ul	0.00
20) Naphthalene-d8	10.563	136	860463	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.404	164	511772	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.145	188	980447	20.000	ng/ul	0.00
79) Chrysene-d12	21.374	240	865832	20.000	ng/ul	0.00
88) Perylene-d12	24.356	264	986084	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	35769	6.197	ng/uL	0.00
4) Pyridine-d5	3.651	84	473859	30.511	ng/ul	0.00
7) Phenol-d5	6.951	99	564399	31.790	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.104	67	335063	31.772	ng/ul	0.00
11) 2-Chlorophenol-d4	7.310	132	490899	31.968	ng/ul	0.00
15) 4-Methylphenol-d8	8.486	113	445248	32.222	ng/ul	0.00
21) Nitrobenzene-d5	8.928	128	235001	32.364	ng/ul	0.00
24) 2-Nitrophenol-d4	9.645	143	258048	32.115	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.186	165	456025	32.225	ng/ul	0.00
31) 4-Chloroaniline-d4	10.698	131	595336	32.142	ng/ul	0.00
46) Dimethylphthalate-d6	13.815	166	1213449	32.646	ng/ul	0.00
49) Acenaphthylene-d8	14.098	160	1427578	32.301	ng/ul	0.00
54) 4-Nitrophenol-d4	14.621	143	224670	32.702	ng/ul	0.00
60) Fluorene-d10	15.398	176	1036944	32.676	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.527	200	211483	33.349	ng/ul	0.00
73) Anthracene-d10	17.245	188	1543645	33.197	ng/ul	0.00
81) Pyrene-d10	19.533	212	1737832	32.847	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.150	264	1761241	33.440	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.269	88	73968	12.237	ng/uL	97
5) Pyridine	3.669	79	488721	30.797	ng/ul	97
6) Benzaldehyde	6.916	77	290977	35.416	ng/ul	100
8) Phenol	6.975	94	603576	33.051	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.192	93	477645	32.588	ng/ul	99
12) 2-Chlorophenol	7.339	128	510811	33.014	ng/ul	99
13) 2-Methylphenol	8.222	108	447011	32.358	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.286	45	691184	33.407	ng/ul	99
16) Acetophenone	8.592	105	712256	33.612	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.581	70	333919	33.282	ng/ul	99
18) 4-Methylphenol	8.545	108	492842	33.160	ng/ul	99
19) Hexachloroethane	8.845	117	214456	32.605	ng/ul	98
22) Nitrobenzene	8.969	77	524245	33.366	ng/ul	98
23) Isophorone	9.498	82	983366	32.726	ng/ul	98
25) 2-Nitrophenol	9.680	139	281703	32.877	ng/ul	99
26) 2,4-Dimethylphenol	9.745	107	451341	30.238	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.975	93	612666	32.545	ng/ul	99
29) 2,4-Dichlorophenol	10.216	162	467169	32.956	ng/ul	99
30) Naphthalene	10.610	128	1557486	32.745	ng/ul	100
32) 4-Chloroaniline	10.722	127	483051	27.045	ng/ul	100
33) Hexachlorobutadiene	10.898	225	305182	32.571	ng/ul	99
34) Caprolactam	11.504	113	142624	32.529	ng/ul	95
35) 4-Chloro-3-methylphenol	11.857	107	451304	33.119	ng/ul	98
36) 2-Methylnaphthalene	12.227	142	1005076	32.467	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.445	142	1020202	32.722	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.598	216	543344	32.586	ng/ul	100
40) Hexachlorocyclopentadiene	12.574	237	300032	32.155	ng/ul	99
41) 2,4,6-Trichlorophenol	12.839	196	342906	31.271	ng/ul	100
42) 2,4,5-Trichlorophenol	12.916	196	371217	32.147	ng/ul	99
43) 1,1'-Biphenyl	13.239	154	1298187	32.845	ng/ul	100
44) 2-Chloronaphthalene	13.280	162	1020611	32.565	ng/ul	99
45) 2-Nitroaniline	13.486	65	273316	33.553	ng/ul	99
47) Dimethylphthalate	13.863	163	1237796	33.116	ng/ul	100
48) 2,6-Dinitrotoluene	13.986	165	253808	34.191	ng/ul	97
50) Acenaphthylene	14.127	152	1603047	33.529	ng/ul	99
51) 3-Nitroaniline	14.315	138	264542	34.166	ng/ul	93
52) Acenaphthene	14.468	153	1073758	32.460	ng/ul	99
53) 2,4-Dinitrophenol	14.527	184	153672	31.376	ng/ul	97
55) 4-Nitrophenol	14.639	109	155017	32.431	ng/ul	97
56) Dibenzofuran	14.804	168	1489911	32.921	ng/ul	97
57) 2,4-Dinitrotoluene	14.774	165	364999	34.613	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.039	232	293080	31.463	ng/ul	98
59) Diethylphthalate	15.227	149	1241899	33.504	ng/ul	99
61) Fluorene	15.457	166	1173206	33.168	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.445	204	591774	33.640	ng/ul	99
63) 4-Nitroaniline	15.480	138	274686	40.962	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.539	198	231268	33.902	ng/ul	99
67) N-Nitrosodiphenylamine	15.662	169	997302	33.824	ng/ul	98
68) 4-Bromophenyl-phenylether	16.339	248	359988	33.843	ng/ul	98
69) Hexachlorobenzene	16.456	284	420838	33.476	ng/ul	98
70) Atrazine	16.615	200	224546	22.692	ng/ul	98
71) Pentachlorophenol	16.804	266	247096	30.486	ng/ul	98
72) Phenanthrene	17.192	178	1818562	33.908	ng/ul	99
74) Anthracene	17.280	178	1833140	34.061	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.204	216	518391	31.453	ng/uL	98
76) Pentachlorobenzene	14.727	250	499129	31.100	ng/uL	98
77) Carbazole	17.551	167	1678696	35.213	ng/ul	99
78) Di-n-butylphthalate	18.109	149	2117155	33.718	ng/ul	100
80) Fluoranthene	19.203	202	2045997	33.237	ng/ul	99
82) Pyrene	19.562	202	2184889	33.319	ng/ul	100
83) Butylbenzylphthalate	20.456	149	939554	32.981	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.274	252	707729	36.650	ng/ul	99
85) Benzo(a)anthracene	21.350	228	2101722	33.384	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.274	149	1378555	33.476	ng/ul	100
87) Chrysene	21.415	228	1982156	33.411	ng/ul	99
89) Di-n-octyl phthalate	22.391	149	2434651	34.218	ng/ul	100
90) Benzo(b)fluoranthene	23.409	252	2125278	34.217	ng/ul	100
91) Benzo(k)fluoranthene	23.474	252	2084611	33.699	ng/ul	99
93) Benzo(a)pyrene	24.215	252	1912056	33.069	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.726	276	2524844	33.683	ng/ul	99
95) Dibenzo(a,h)anthracene	27.773	278	2069787	34.176	ng/ul	99
96) Benzo(g,h,i)perylene	28.773	276	1965875	33.699	ng/ul	100

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

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