Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102824\
Data File : BM048278.D
Acq On : 29 Oct 2024 06:23
Operator : RC/JU
Sample : PB164423BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS423

Quant Time: Oct 29 06:56:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM102624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Oct 27 23:39:58 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	262293	20.000	ng/ul	0.00
20) Naphthalene-d8	10.504	136	1120894	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.363	164	686442	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.104	188	1258009	20.000	ng/ul	0.00
79) Chrysene-d12	21.327	240	976039	20.000	ng/ul	0.00
88) Perylene-d12	24.274	264	1018561	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	39761	5.968	ng/uL	0.00
4) Pyridine-d5	3.581	84	561540	29.079	ng/ul	0.00
7) Phenol-d5	6.899	99	703324	31.212	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.051	67	419270	30.036	ng/ul	0.00
11) 2-Chlorophenol-d4	7.251	132	586109	31.984	ng/ul	0.00
15) 4-Methylphenol-d8	8.434	113	553441	30.591	ng/ul	0.00
21) Nitrobenzene-d5	8.875	128	276529	30.091	ng/ul	0.00
24) 2-Nitrophenol-d4	9.592	143	306362	30.773	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.134	165	558779	30.758	ng/ul	0.00
31) 4-Chloroaniline-d4	10.645	131	691837	27.426	ng/ul	0.00
46) Dimethylphthalate-d6	13.775	166	1458178	28.425	ng/ul	0.00
49) Acenaphthylene-d8	14.051	160	1714005	29.633	ng/ul	0.00
54) 4-Nitrophenol-d4	14.580	143	268179	28.587	ng/ul	0.00
60) Fluorene-d10	15.351	176	1228169	28.334	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.480	200	246905	29.698	ng/ul	0.00
73) Anthracene-d10	17.204	188	1779020	29.906	ng/ul	0.00
81) Pyrene-d10	19.492	212	1866182	31.508	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.074	264	1675557	31.188	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.205	88	80688	11.457	ng/uL	96
5) Pyridine	3.605	79	586689	29.644	ng/ul	99
6) Benzaldehyde	6.863	77	54342	4.873	ng/ul	94
8) Phenol	6.922	94	743683	31.690	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.146	93	557005	29.709	ng/ul	99
12) 2-Chlorophenol	7.287	128	603304	32.067	ng/ul	99
13) 2-Methylphenol	8.169	108	547775	31.028	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.240	45	868360	30.304	ng/ul	99
16) Acetophenone	8.540	105	846037	29.692	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.534	70	426039	29.152	ng/ul	98
18) 4-Methylphenol	8.498	108	604923	31.046	ng/ul	96
19) Hexachloroethane	8.793	117	236111	29.770	ng/ul	98
22) Nitrobenzene	8.916	77	625339	29.284	ng/ul	99
23) Isophorone	9.445	82	1197896	28.947	ng/ul	99
25) 2-Nitrophenol	9.628	139	331144	30.346	ng/ul	97
26) 2,4-Dimethylphenol	9.692	107	564061	28.157	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.922	93	756358	29.469	ng/ul	100
29) 2,4-Dichlorophenol	10.163	162	567505	30.529	ng/ul	99
30) Naphthalene	10.557	128	1830352	29.237	ng/ul	100
32) 4-Chloroaniline	10.669	127	380539	15.569	ng/ul	99
33) Hexachlorobutadiene	10.839	225	354380	28.609	ng/ul	99
34) Caprolactam	11.457	113	162110	27.343	ng/ul	96
35) 4-Chloro-3-methylphenol	11.810	107	555698	29.710	ng/ul	97
36) 2-Methylnaphthalene	12.175	142	1219779	28.905	ng/ul	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.392	142	1204007	28.126	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.545	216	646039	29.727	ng/ul	98
40)	Hexachlorocyclopentadiene	12.522	237	341776	26.272	ng/ul	99
41)	2,4,6-Trichlorophenol	12.792	196	429738	30.635	ng/ul	99
42)	2,4,5-Trichlorophenol	12.869	196	459580	31.019	ng/ul	98
43)	1,1'-Biphenyl	13.192	154	1556719	29.568	ng/ul	99
44)	2-Chloronaphthalene	13.233	162	1215786	29.800	ng/ul	99
45)	2-Nitroaniline	13.445	65	338376	29.969	ng/ul	97
47)	Dimethylphthalate	13.822	163	1467997	28.533	ng/ul	100
48)	2,6-Dinitrotoluene	13.939	165	301516	30.141	ng/ul	96
50)	Acenaphthylene	14.080	152	1856563	29.385	ng/ul	100
51)	3-Nitroaniline	14.275	138	291480	27.681	ng/ul	99
52)	Acenaphthene	14.422	153	1289630	28.765	ng/ul	99
53)	2,4-Dinitrophenol	14.486	184	178987	26.307	ng/ul	91
55)	4-Nitrophenol	14.592	109	186453	27.227	ng/ul	96
56)	Dibenzofuran	14.763	168	1765218	28.619	ng/ul	100
57)	2,4-Dinitrotoluene	14.733	165	424874	29.051	ng/ul	100
58)	2,3,4,6-Tetrachlorophenol	14.992	232	362136	28.508	ng/ul	97
59)	Diethylphthalate	15.186	149	1443494	27.888	ng/ul	100
61)	Fluorene	15.410	166	1359077	27.672	ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.404	204	684502	27.762	ng/ul	98
63)	4-Nitroaniline	15.439	138	318660	33.421	ng/ul	94
66)	4,6-Dinitro-2-methylph...	15.498	198	265129	29.748	ng/ul#	97
67)	N-Nitrosodiphenylamine	15.621	169	1155655	30.768	ng/ul	99
68)	4-Bromophenyl-phenylether	16.298	248	418045	30.458	ng/ul	97
69)	Hexachlorobenzene	16.416	284	483771	29.458	ng/ul	98
70)	Atrazine	16.574	200	395340	30.742	ng/ul	99
71)	Pentachlorophenol	16.763	266	307225	29.567	ng/ul	97
72)	Phenanthrene	17.145	178	2053333	29.477	ng/ul	100
74)	Anthracene	17.239	178	2069193	29.677	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.157	216	625864	31.437	ng/uL	98
76)	Pentachlorobenzene	14.680	250	597730	29.502	ng/uL	100
77)	Carbazole	17.510	167	1857164	30.336	ng/ul	100
78)	Di-n-butylphthalate	18.068	149	2389116	29.697	ng/ul	100
80)	Fluoranthene	19.162	202	2197911	31.892	ng/ul	98
82)	Pyrene	19.521	202	2324284	31.455	ng/ul	98
83)	Butylbenzylphthalate	20.421	149	958921	31.403	ng/ul	99
84)	3,3'-Dichlorobenzidine	21.233	252	640036	30.054	ng/ul	98
85)	Benzo(a)anthracene	21.309	228	2104709	29.902	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.233	149	1380819	31.381	ng/ul	99
87)	Chrysene	21.368	228	1997903	30.185	ng/ul	99
89)	Di-n-octyl phthalate	22.345	149	2272999	29.829	ng/ul	100
90)	Benzo(b)fluoranthene	23.345	252	2007455	30.884	ng/ul	99
91)	Benzo(k)fluoranthene	23.403	252	2003016	30.777	ng/ul	100
93)	Benzo(a)pyrene	24.139	252	1851704	31.315	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	27.591	276	2334045	32.775	ng/ul	99
95)	Dibenzo(a,h)anthracene	27.644	278	1929278	33.125	ng/ul	100
96)	Benzo(g,h,i)perylene	28.627	276	1808539	33.093	ng/ul	99

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

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