Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101924\
Data File : BP022488.D
Acq On : 19 Oct 2024 23:02
Operator : RC/JU
Sample : PB164170BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS170

Quant Time: Oct 21 02:53:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 18 11:08:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	130995	20.000	ng/ul	0.00
20) Naphthalene-d8	10.422	136	512127	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.287	164	386670	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.081	188	779410	20.000	ng/ul	0.00
79) Chrysene-d12	21.504	240	653239	20.000	ng/ul	0.00
88) Perylene-d12	24.757	264	850749	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	15552	4.614	ng/uL	0.00
4) Pyridine-d5	3.605	84	245212	26.498	ng/ul	0.00
7) Phenol-d5	6.852	99	319235	28.951	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	177184	27.339	ng/ul	0.00
11) 2-Chlorophenol-d4	7.205	132	241019	30.804	ng/ul	0.00
15) 4-Methylphenol-d8	8.369	113	263705	29.967	ng/ul	0.00
21) Nitrobenzene-d5	8.805	128	113498	28.823	ng/ul	0.00
24) 2-Nitrophenol-d4	9.516	143	140344	30.785	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.052	165	300151	30.977	ng/ul	0.00
31) 4-Chloroaniline-d4	10.552	131	298769	26.095	ng/ul	0.00
46) Dimethylphthalate-d6	13.681	166	879649	28.633	ng/ul	0.00
49) Acenaphthylene-d8	13.969	160	938612	28.765	ng/ul	0.00
54) 4-Nitrophenol-d4	14.516	143	115304	22.372	ng/ul	0.01
60) Fluorene-d10	15.287	176	715591	26.854	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.416	200	141100	27.526	ng/ul	0.00
73) Anthracene-d10	17.181	188	1052621	28.709	ng/ul	0.01
81) Pyrene-d10	19.557	212	1055410	30.552	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.545	264	1347116	29.650	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.228	88	34020	9.386	ng/uL	97
5) Pyridine	3.623	79	245898	25.915	ng/ul	98
6) Benzaldehyde	6.816	77	52916	8.880	ng/ul	95
8) Phenol	6.881	94	334235	29.134	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.093	93	242348	28.226	ng/ul	99
12) 2-Chlorophenol	7.240	128	249191	30.799	ng/ul	96
13) 2-Methylphenol	8.105	108	246649	29.625	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.169	45	273196	27.378	ng/ul	97
16) Acetophenone	8.475	105	400857	27.592	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.458	70	208542	28.333	ng/ul	98
18) 4-Methylphenol	8.428	108	270181	29.252	ng/ul	98
19) Hexachloroethane	8.716	117	106110	28.160	ng/ul	98
22) Nitrobenzene	8.846	77	319242	27.160	ng/ul	99
23) Isophorone	9.369	82	594259	28.198	ng/ul	99
25) 2-Nitrophenol	9.546	139	147110	29.942	ng/ul	95
26) 2,4-Dimethylphenol	9.610	107	309452	28.977	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.834	93	337833	28.232	ng/ul	99
29) 2,4-Dichlorophenol	10.081	162	294933	30.910	ng/ul	99
30) Naphthalene	10.469	128	771571	28.286	ng/ul	99
32) 4-Chloroaniline	10.575	127	180093	15.935	ng/ul	95
33) Hexachlorobutadiene	10.752	225	237643	29.550	ng/ul	100
34) Caprolactam	11.363	113	74996m	24.380	ng/ul	
35) 4-Chloro-3-methylphenol	11.710	107	302287	29.036	ng/ul	99
36) 2-Methylnaphthalene	12.075	142	571297	28.532	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.293	142	565086	27.650	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.451	216	436375	30.521	ng/ul	96
40) Hexachlorocyclopentadiene	12.428	237	183179	21.029	ng/ul	99
41) 2,4,6-Trichlorophenol	12.693	196	277719	30.881	ng/ul	100
42) 2,4,5-Trichlorophenol	12.775	196	290817	30.369	ng/ul	96
43) 1,1'-Biphenyl	13.098	154	809492	29.044	ng/ul	99
44) 2-Chloronaphthalene	13.146	162	674499	29.563	ng/ul	99
45) 2-Nitroaniline	13.351	65	186181	27.329	ng/ul	94
47) Dimethylphthalate	13.728	163	843399	27.550	ng/ul	100
48) 2,6-Dinitrotoluene	13.863	165	173170	29.907	ng/ul	99
50) Acenaphthylene	13.998	152	950670	28.072	ng/ul	99
51) 3-Nitroaniline	14.193	138	139710	25.689	ng/ul	97
52) Acenaphthene	14.345	153	684484	28.583	ng/ul	100
53) 2,4-Dinitrophenol	14.404	184	92396	21.688	ng/ul	96
55) 4-Nitrophenol	14.528	109	131408	22.972	ng/ul	96
56) Dibenzofuran	14.681	168	992300	27.586	ng/ul	99
57) 2,4-Dinitrotoluene	14.663	165	247042	27.456	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.922	232	250913	28.072	ng/ul	98
59) Diethylphthalate	15.122	149	814065	27.718	ng/ul	99
61) Fluorene	15.351	166	792542	27.041	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.345	204	466419	27.828	ng/ul	98
63) 4-Nitroaniline	15.375	138	144882	26.475	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.428	198	150999	27.348	ng/ul	96
67) N-Nitrosodiphenylamine	15.569	169	667985	32.004	ng/ul	99
68) 4-Bromophenyl-phenylether	16.251	248	318912	33.930	ng/ul	97
69) Hexachlorobenzene	16.375	284	369620	31.948	ng/ul	98
70) Atrazine	16.539	200	272962	31.462	ng/ul	96
71) Pentachlorophenol	16.734	266	216000	29.037	ng/ul	97
72) Phenanthrene	17.122	178	1192576	28.599	ng/ul	99
74) Anthracene	17.216	178	1183004	28.428	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.063	216	422936	35.638	ng/uL	97
76) Pentachlorobenzene	14.610	250	437313	33.334	ng/uL	99
77) Carbazole	17.498	167	945740	25.685	ng/ul	99
78) Di-n-butylphthalate	18.086	149	1198238	29.410	ng/ul	99
80) Fluoranthene	19.210	202	1277682	32.173	ng/ul	97
82) Pyrene	19.586	202	1313033	30.848	ng/ul	97
83) Butylbenzylphthalate	20.539	149	429728	28.998	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.410	252	441536	28.355	ng/ul	99
85) Benzo(a)anthracene	21.486	228	1316922	28.757	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.422	149	594499	27.948	ng/ul	100
87) Chrysene	21.551	228	1225068	28.851	ng/ul	100
89) Di-n-octyl phthalate	22.663	149	1025678	25.346	ng/ul	100
90) Benzo(b)fluoranthene	23.733	252	1503377	28.073	ng/ul	99
91) Benzo(k)fluoranthene	23.804	252	1502789	28.663	ng/ul	99
93) Benzo(a)pyrene	24.610	252	1407531	28.558	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	28.468	276	1921315	29.213	ng/ul	96
95) Dibenzo(a,h)anthracene	28.539	278	1546753m	29.042	ng/ul	
96) Benzo(g,h,i)perylene	29.592	276	1480408	28.938	ng/ul	100

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

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