Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122823\
Data File : BP019156.D
Acq On : 29 Dec 2023 09:33
Operator : MA/JU
Sample : PB158091BS
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS091

Quant Time: Dec 29 10:16:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 03:48:11 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	182157	20.000	ng/ul	0.00
20) Naphthalene-d8	10.599	136	653901	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.445	164	373417	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.204	188	806206	20.000	ng/ul	0.00
79) Chrysene-d12	21.310	240	891085	20.000	ng/ul	0.00
88) Perylene-d12	23.674	264	1109109	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	36408	6.826	ng/uL	0.00
4) Pyridine-d5	3.652	84	458872	34.277	ng/ul	0.00
7) Phenol-d5	6.981	99	523942	32.074	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.146	67	313348	33.158	ng/ul	0.00
11) 2-Chlorophenol-d4	7.334	132	426885	32.415	ng/ul	0.00
15) 4-Methylphenol-d8	8.528	113	395380	31.089	ng/ul	0.00
21) Nitrobenzene-d5	8.969	128	193488	34.230	ng/ul	0.00
24) 2-Nitrophenol-d4	9.687	143	215247	35.234	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	417621	33.854	ng/ul	0.00
31) 4-Chloroaniline-d4	10.746	131	464556	30.616	ng/ul	0.00
46) Dimethylphthalate-d6	13.869	166	1049623	31.823	ng/ul	0.00
49) Acenaphthylene-d8	14.140	160	1220471	34.102	ng/ul	0.00
54) 4-Nitrophenol-d4	14.669	143	178440	32.038	ng/ul	0.00
60) Fluorene-d10	15.445	176	909814	31.929	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.575	200	179703	34.001	ng/ul	0.00
73) Anthracene-d10	17.304	188	1408830	33.462	ng/ul	0.00
81) Pyrene-d10	19.551	212	1779130	32.761	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.521	264	2151211	33.744	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.270	88	70544	12.030	ng/uL	98
5) Pyridine	3.675	79	452475	33.298	ng/ul	99
6) Benzaldehyde	6.946	77	277888	36.638	ng/ul	98
8) Phenol	7.011	94	517168	32.053	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.240	93	425914	32.625	ng/ul	98
12) 2-Chlorophenol	7.369	128	426133	31.615	ng/ul	98
13) 2-Methylphenol	8.258	108	373235	31.270	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.334	45	500588	32.505	ng/ul	99
16) Acetophenone	8.634	105	596767	31.330	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.622	70	276595	29.121	ng/ul	98
18) 4-Methylphenol	8.587	108	394841	30.733	ng/ul	97
19) Hexachloroethane	8.875	117	185923	32.886	ng/ul	99
22) Nitrobenzene	9.010	77	447133	32.378	ng/ul	98
23) Isophorone	9.540	82	784849	31.517	ng/ul	99
25) 2-Nitrophenol	9.722	139	220951	33.874	ng/ul	98
26) 2,4-Dimethylphenol	9.787	107	386055	33.619	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.028	93	523535	31.808	ng/ul	98
29) 2,4-Dichlorophenol	10.252	162	388283	32.210	ng/ul	99
30) Naphthalene	10.652	128	1247578	31.644	ng/ul	99
32) 4-Chloroaniline	10.769	127	403390	27.706	ng/ul	99
33) Hexachlorobutadiene	10.934	225	311700	33.598	ng/ul	98
34) Caprolactam	11.557	113	97459	30.608	ng/ul	98
35) 4-Chloro-3-methylphenol	11.904	107	359346	30.367	ng/ul	100
36) 2-Methylnaphthalene	12.263	142	825464	31.055	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.487	142	796474	29.714	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.634	216	509915	33.156	ng/ul	99
40) Hexachlorocyclopentadiene	12.610	237	298805	35.003	ng/ul	99
41) 2,4,6-Trichlorophenol	12.881	196	302663	32.976	ng/ul	100
42) 2,4,5-Trichlorophenol	12.951	196	326751	33.538	ng/ul	99
43) 1,1'-Biphenyl	13.281	154	1052217	32.302	ng/ul	100
44) 2-Chloronaphthalene	13.322	162	846115	32.371	ng/ul	100
45) 2-Nitroaniline	13.534	65	208161	33.174	ng/ul	93
47) Dimethylphthalate	13.916	163	1016715	31.228	ng/ul	100
48) 2,6-Dinitrotoluene	14.040	165	200031	33.435	ng/ul	95
50) Acenaphthylene	14.169	152	1322632	32.847	ng/ul	99
51) 3-Nitroaniline	14.363	138	177736	30.388	ng/ul	96
52) Acenaphthene	14.510	153	867083	31.772	ng/ul	100
53) 2,4-Dinitrophenol	14.575	184	112679	29.234	ng/ul	97
55) 4-Nitrophenol	14.681	109	138324	31.076	ng/ul	92
56) Dibenzofuran	14.851	168	1215314	31.184	ng/ul	98
57) 2,4-Dinitrotoluene	14.822	165	287982	32.730	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.081	232	281007	33.012	ng/ul	96
59) Diethylphthalate	15.281	149	989276	31.338	ng/ul	99
61) Fluorene	15.498	166	972203	31.167	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.498	204	535101	31.412	ng/ul	99
63) 4-Nitroaniline	15.534	138	193597	32.899	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.587	198	188182	33.628	ng/ul	99
67) N-Nitrosodiphenylamine	15.716	169	825983	33.569	ng/ul	99
68) 4-Bromophenyl-phenylether	16.392	248	343844	34.314	ng/ul	99
69) Hexachlorobenzene	16.504	284	406104	33.163	ng/ul	99
70) Atrazine	16.675	200	298968	43.054	ng/ul	99
71) Pentachlorophenol	16.851	266	245498	34.146	ng/ul	97
72) Phenanthrene	17.245	178	1590007	32.544	ng/ul	99
74) Anthracene	17.339	178	1609183	33.084	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.246	216	494256	35.259	ng/uL	100
76) Pentachlorobenzene	14.763	250	469716	33.721	ng/uL	99
77) Carbazole	17.616	167	1414961	34.973	ng/ul	100
78) Di-n-butylphthalate	18.175	149	1726321	34.404	ng/ul	100
80) Fluoranthene	19.222	202	2002690	32.137	ng/ul	99
82) Pyrene	19.575	202	2085551	31.943	ng/ul	99
83) Butylbenzylphthalate	20.463	149	817906	35.070	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.233	252	751511	33.714	ng/ul	99
85) Benzo(a)anthracene	21.292	228	2343225	33.282	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.222	149	1253261	36.494	ng/ul	100
87) Chrysene	21.345	228	2150396	32.755	ng/ul	99
89) Di-n-octyl phthalate	22.133	149	2307192	36.377	ng/ul	100
90) Benzo(b)fluoranthene	22.951	252	2497437	32.057	ng/ul	99
91) Benzo(k)fluoranthene	23.004	252	2515435	32.859	ng/ul	100
93) Benzo(a)pyrene	23.568	252	2413283	32.912	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.133	276	3131196	33.312	ng/ul	99
95) Dibenzo(a,h)anthracene	26.151	278	2611483	33.397	ng/ul	100
96) Benzo(g,h,i)perylene	26.886	276	2528528	33.568	ng/ul	98

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

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