Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112723\
Data File : BP018445.D
Acq On : 28 Nov 2023 17:33
Operator : MA/JU
Sample : PB157489BS
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS489

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

Quant Time: Nov 29 01:30:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 29 01:22:40 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.858	152	490518	20.000	ng/ul	0.00
20) Naphthalene-d8	10.658	136	1850053	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.493	164	984085	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.245	188	1717155	20.000	ng/ul	0.00
79) Chrysene-d12	21.428	240	1742187	20.000	ng/ul	-0.01
88) Perylene-d12	24.086	264	2061357	20.000	ng/ul	-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	70620	5.392	ng/uL	0.00
4) Pyridine-d5	3.681	84	912745	25.361	ng/ul	0.00
7) Phenol-d5	7.022	99	1156124	25.790	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.193	67	665436	24.824	ng/ul	0.00
11) 2-Chlorophenol-d4	7.387	132	997728	26.508	ng/ul	0.00
15) 4-Methylphenol-d8	8.569	113	881260	24.360	ng/ul	0.00
21) Nitrobenzene-d5	9.016	128	444389	29.573	ng/ul	0.00
24) 2-Nitrophenol-d4	9.740	143	433586	31.243	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.275	165	922286	27.546	ng/ul	0.00
31) 4-Chloroaniline-d4	10.793	131	1104174	24.452	ng/ul	0.00
46) Dimethylphthalate-d6	13.910	166	2178683	24.881	ng/ul	0.00
49) Acenaphthylene-d8	14.187	160	2673264	26.793	ng/ul	0.00
54) 4-Nitrophenol-d4	14.687	143	309598	25.611	ng/ul	0.00
60) Fluorene-d10	15.487	176	1848744	25.242	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.604	200	218163	29.845	ng/ul	0.00
73) Anthracene-d10	17.345	188	2436572	26.548	ng/ul	0.00
81) Pyrene-d10	19.598	212	2865281	20.665	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.904	264	3318510	27.768	ng/ul	-0.05
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	149115	10.618	ng/uL#	89
5) Pyridine	3.705	79	959933	26.471	ng/ul	91
6) Benzaldehyde	6.993	77	653087	27.530	ng/ul	95
8) Phenol	7.052	94	1192385	27.116	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.287	93	1012693	27.647	ng/ul	95
12) 2-Chlorophenol	7.417	128	1032712	27.349	ng/ul	95
13) 2-Methylphenol	8.305	108	903357	26.375	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.393	45	1189365	22.843	ng/ul#	95
16) Acetophenone	8.681	105	1420899	25.668	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.675	70	639950	20.694	ng/ul	92
18) 4-Methylphenol	8.634	108	950320	25.982	ng/ul	98
19) Hexachloroethane	8.934	117	431615	27.371	ng/ul	96
22) Nitrobenzene	9.058	77	983763	27.944	ng/ul	95
23) Isophorone	9.593	82	1863879	23.755	ng/ul	97
25) 2-Nitrophenol	9.769	139	502417	32.177	ng/ul	91
26) 2,4-Dimethylphenol	9.834	107	737001	21.023	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.075	93	1246294	26.300	ng/ul	99
29) 2,4-Dichlorophenol	10.305	162	915826	28.556	ng/ul	98
30) Naphthalene	10.705	128	3154267	28.190	ng/ul	100
32) 4-Chloroaniline	10.816	127	1039135	24.386	ng/ul	99
33) Hexachlorobutadiene	10.993	225	696069	31.822	ng/ul	99
34) Caprolactam	11.599	113	224174	24.256	ng/ul	87
35) 4-Chloro-3-methylphenol	11.946	107	784075	22.866	ng/ul	94
36) 2-Methylnaphthalene	12.316	142	2050545	25.894	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.534	142	1999103	25.079	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	12.681	216	1181821	34.003	ng/ul	97
40)	Hexachlorocyclopentadiene	12.663	237	513492	26.086	ng/ul	99
41)	2,4,6-Trichlorophenol	12.922	196	640465	30.684	ng/ul	99
42)	2,4,5-Trichlorophenol	12.993	196	677269	30.007	ng/ul	100
43)	1,1'-Biphenyl	13.328	154	2574679	30.028	ng/ul	99
44)	2-Chloronaphthalene	13.369	162	2048427	30.185	ng/ul	98
45)	2-Nitroaniline	13.575	65	379346	25.979	ng/ul	85
47)	Dimethylphthalate	13.957	163	2270914	26.505	ng/ul	99
48)	2,6-Dinitrotoluene	14.075	165	415805	28.786	ng/ul	88
50)	Acenaphthylene	14.216	152	3109683	27.961	ng/ul	100
51)	3-Nitroaniline	14.398	138	391589	27.285	ng/ul#	92
52)	Acenaphthene	14.557	153	2030622	27.950	ng/ul	99
53)	2,4-Dinitrophenol	14.598	184	138933	27.569	ng/ul	98
55)	4-Nitrophenol	14.704	109	223255	24.929	ng/ul	91
56)	Dibenzofuran	14.893	168	2716963	27.354	ng/ul	98
57)	2,4-Dinitrotoluene	14.857	165	540083	27.668	ng/ul#	87
58)	2,3,4,6-Tetrachlorophenol	15.116	232	479822	27.070	ng/ul	95
59)	Diethylphthalate	15.322	149	2025639	23.536	ng/ul	99
61)	Fluorene	15.540	166	2087568	25.773	ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.540	204	1112338	27.044	ng/ul	96
63)	4-Nitroaniline	15.563	138	379136	27.992	ng/ul	92
66)	4,6-Dinitro-2-methylph...	15.616	198	249787	30.811	ng/ul	98
67)	N-Nitrosodiphenylamine	15.751	169	1701926	29.227	ng/ul	100
68)	4-Bromophenyl-phenylether	16.434	248	643886	29.699	ng/ul	97
69)	Hexachlorobenzene	16.545	284	750226	30.953	ng/ul#	92
70)	Atrazine	16.710	200	393266	22.122	ng/ul	99
71)	Pentachlorophenol	16.892	266	369249	29.650	ng/ul	97
72)	Phenanthrene	17.287	178	3023886	28.951	ng/ul	100
74)	Anthracene	17.381	178	2949808	27.979	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.287	216	1138438	38.570	ng/uL	100
76)	Pentachlorobenzene	14.810	250	1012628	35.319	ng/uL	99
77)	Carbazole	17.651	167	2625579	30.740	ng/ul	99
78)	Di-n-butylphthalate	18.222	149	2908753	24.483	ng/ul	100
80)	Fluoranthene	19.275	202	3438499	20.758	ng/ul	97
82)	Pyrene	19.628	202	3623787	21.725	ng/ul	98
83)	Butylbenzylphthalate	20.569	149	1254671	20.326	ng/ul	95
84)	3,3'-Dichlorobenzidine	21.369	252	1197396	28.417	ng/ul	100
85)	Benzo(a)anthracene	21.410	228	4032015	28.398	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.457	149	1881208	20.313	ng/ul	99
87)	Chrysene	21.463	228	3705349	28.678	ng/ul	100
89)	Di-n-octyl phthalate	22.622	149	3210336	21.154	ng/ul	100
90)	Benzo(b)fluoranthene	23.257	252	4511389	30.131	ng/ul	99
91)	Benzo(k)fluoranthene	23.316	252	3955054	26.535	ng/ul	99
93)	Benzo(a)pyrene	23.963	252	4044139	29.370	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	27.157	276	4745494m	29.806	ng/ul	
95)	Dibenzo(a,h)anthracene	27.327	278	3973125m	30.482	ng/ul	
96)	Benzo(g,h,i)perylene	28.110	276	3925461m	30.443	ng/ul	

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

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