Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111723\
Data File : BP018261.D
Acq On : 18 Nov 2023 14:56
Operator : MA/JU
Sample : PB157217BS
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS217

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/19/2023

Quant Time: Nov 19 02:40:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 15 18:13:37 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	85487	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.592	136	333727	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.457	164	223964	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.239	188	521020	20.000	ng/ul	0.00
79) Chrysene-d12	21.380	240	557857	20.000	ng/ul	# 0.00
88) Perylene-d12	23.856	264	568171	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.157	96	12041	4.969	ng/uL	0.00
4) Pyridine-d5	3.587	84	148928	23.570	ng/ul	0.00
7) Phenol-d5	6.946	99	193001	23.385	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	109540	22.585	ng/ul	0.00
11) 2-Chlorophenol-d4	7.298	132	160756	24.597	ng/ul	0.00
15) 4-Methylphenol-d8	8.504	113	152616	22.567	ng/ul	0.00
21) Nitrobenzene-d5	8.981	128	75524	25.119	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.692	143	88944	26.112	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.216	165	165485	27.258	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.775	131	201711	24.228	ng/ul	-0.01
46) Dimethylphthalate-d6	13.880	166	540937	26.177	ng/ul	0.00
49) Acenaphthylene-d8	14.157	160	574954	25.545	ng/ul	0.00
54) 4-Nitrophenol-d4	14.716	143	74757	24.210	ng/ul	-0.02
60) Fluorene-d10	15.463	176	452814	26.541	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.622	200	107847	28.633	ng/ul	0.00
73) Anthracene-d10	17.339	188	734499	26.066	ng/ul	0.00
81) Pyrene-d10	19.598	212	943472	25.320	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.692	264	916119	27.730	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.193	88	29579	11.185	ng/uL	95
5) Pyridine	3.605	79	159378	24.440	ng/ul	95
6) Benzaldehyde	6.946	77	117971	26.541	ng/ul	96
8) Phenol	6.975	94	211222	25.943	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.222	93	164314	26.014	ng/ul	98
12) 2-Chlorophenol	7.328	128	181333	27.634	ng/ul	98
13) 2-Methylphenol	8.234	108	159380	25.909	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.287	45	164711m	22.838	ng/ul	
16) Acetophenone	8.634	105	278235	25.882	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.598	70	143620	24.470	ng/ul	98
18) 4-Methylphenol	8.569	108	172379	25.694	ng/ul	99
19) Hexachloroethane	8.822	117	85896	27.359	ng/ul	92
22) Nitrobenzene	9.028	77	231034	28.458	ng/ul#	91
23) Isophorone	9.534	82	399057	26.937	ng/ul	98
25) 2-Nitrophenol	9.728	139	105364	30.101	ng/ul	93
26) 2,4-Dimethylphenol	9.769	107	167663	22.517	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.022	93	223175	27.626	ng/ul	98
29) 2,4-Dichlorophenol	10.245	162	175208	30.222	ng/ul	97
30) Naphthalene	10.639	128	579137	28.535	ng/ul	99
32) 4-Chloroaniline	10.798	127	197621	24.781	ng/ul	99
33) Hexachlorobutadiene	10.857	225	143214	33.650	ng/ul	99
34) Caprolactam	11.634	113	58234m	30.237	ng/ul	
35) 4-Chloro-3-methylphenol	11.916	107	207976	29.819	ng/ul	92
36) 2-Methylnaphthalene	12.263	142	404541	29.034	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.481	142	401089	28.013	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.616	216	248992	32.910	ng/ul	97
40) Hexachlorocyclopentadiene	12.551	237	98066	26.853	ng/ul	100
41) 2,4,6-Trichlorophenol	12.886	196	153262	30.879	ng/ul	98
42) 2,4,5-Trichlorophenol	12.963	196	165771	31.736	ng/ul	99
43) 1,1'-Biphenyl	13.280	154	548942	28.824	ng/ul	99
44) 2-Chloronaphthalene	13.333	162	442532	29.268	ng/ul	98
45) 2-Nitroaniline	13.592	65	142488	29.203	ng/ul	97
47) Dimethylphthalate	13.928	163	610501	30.117	ng/ul	99
48) 2,6-Dinitrotoluene	14.086	165	124592	30.923	ng/ul	98
50) Acenaphthylene	14.186	152	735177	28.931	ng/ul	100
51) 3-Nitroaniline	14.433	138	114857	30.721	ng/ul	99
52) Acenaphthene	14.522	153	489086	29.025	ng/ul	99
53) 2,4-Dinitrophenol	14.651	184	58856	26.777	ng/ul	96
55) 4-Nitrophenol	14.733	109	120223	29.330	ng/ul	94
56) Dibenzofuran	14.863	168	691254	29.935	ng/ul	99
57) 2,4-Dinitrotoluene	14.880	165	193142	32.085	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.086	232	147140	31.666	ng/ul	96
59) Diethylphthalate	15.286	149	646525	30.528	ng/ul	100
61) Fluorene	15.516	166	592882	30.242	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.510	204	314950	32.783	ng/ul	96
63) 4-Nitroaniline	15.610	138	117486	33.300	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.639	198	122829	31.427	ng/ul#	90
67) N-Nitrosodiphenylamine	15.739	169	490441	29.351	ng/ul	99
68) 4-Bromophenyl-phenylether	16.416	248	198608	33.821	ng/ul	93
69) Hexachlorobenzene	16.498	284	235758	35.980	ng/ul#	87
70) Atrazine	16.704	200	154760	26.551	ng/ul	99
71) Pentachlorophenol	16.874	266	102878	25.865	ng/ul	97
72) Phenanthrene	17.286	178	957763	29.939	ng/ul	99
74) Anthracene	17.380	178	970682	29.733	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.233	216	250427	31.475	ng/uL	98
76) Pentachlorobenzene	14.757	250	248291	31.877	ng/uL	96
77) Carbazole	17.680	167	869998	30.688	ng/ul	99
78) Di-n-butylphthalate	18.186	149	1149967	31.970	ng/ul	99
80) Fluoranthene	19.268	202	1221281	28.064	ng/ul	97
82) Pyrene	19.633	202	1280633	28.083	ng/ul#	94
83) Butylbenzylphthalate	20.504	149	553186	28.846	ng/ul#	97
84) 3,3'-Dichlorobenzidine	21.309	252	423781	31.796	ng/ul	97
85) Benzo(a)anthracene	21.362	228	1362695	30.251	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.245	149	797180	30.150	ng/ul	99
87) Chrysene	21.415	228	1263820	29.989	ng/ul	98
89) Di-n-octyl phthalate	22.198	149	1383926	32.570	ng/ul	100
90) Benzo(b)fluoranthene	23.086	252	1311735	32.440	ng/ul	97
91) Benzo(k)fluoranthene	23.139	252	1330603	32.707	ng/ul	99
93) Benzo(a)pyrene	23.745	252	1208397	31.645	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.492	276	1419779	31.000	ng/ul	98
95) Dibenzo(a,h)anthracene	26.515	278	1183736	31.390	ng/ul	99
96) Benzo(g,h,i)perylene	27.309	276	1123620	30.674	ng/ul	97

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

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