Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112223\
Data File : BP018296.D
Acq On : 23 Nov 2023 03:07
Operator : MA/JU
Sample : PB156976BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS976

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/23/2023
Supervised By :mohammad ahmed 11/23/2023

Quant Time: Nov 23 03:36:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 22 14:09:55 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	472049	20.000	ng/ul	0.00
20) Naphthalene-d8	10.675	136	1992783	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.510	164	1188078	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.257	188	2218572	20.000	ng/ul	0.00
79) Chrysene-d12	21.357	240	1373749	20.000	ng/ul	0.00
88) Perylene-d12	23.780	264	1619001	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	56235	4.462	ng/uL	0.00
4) Pyridine-d5	3.687	84	806808	23.294	ng/ul	0.00
7) Phenol-d5	7.034	99	1073471	24.883	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.211	67	633981	24.576	ng/ul	0.00
11) 2-Chlorophenol-d4	7.405	132	867927	23.962	ng/ul	0.00
15) 4-Methylphenol-d8	8.587	113	859251	24.680	ng/ul	0.00
21) Nitrobenzene-d5	9.034	128	415597	25.676	ng/ul	0.00
24) 2-Nitrophenol-d4	9.758	143	398085	26.631	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.293	165	881837	24.452	ng/ul	0.00
31) 4-Chloroaniline-d4	10.810	131	1175916	24.175	ng/ul	0.00
46) Dimethylphthalate-d6	13.928	166	2536400	23.993	ng/ul	0.00
49) Acenaphthylene-d8	14.198	160	2929731	24.322	ng/ul	0.00
54) 4-Nitrophenol-d4	14.698	143	360111	24.675	ng/ul	0.00
60) Fluorene-d10	15.498	176	2098159	23.729	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.616	200	241533	25.574	ng/ul	0.00
73) Anthracene-d10	17.357	188	2816245	23.749	ng/ul	0.00
81) Pyrene-d10	19.592	212	2679773	24.510	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.622	264	2302351	24.529	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	123481	9.137	ng/uL	95
5) Pyridine	3.711	79	845889	24.239	ng/ul	97
6) Benzaldehyde	7.011	77	613331	26.866	ng/ul	99
8) Phenol	7.064	94	1092164	25.809	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.305	93	909272	25.795	ng/ul	100
12) 2-Chlorophenol	7.434	128	903691	24.869	ng/ul	100
13) 2-Methylphenol	8.316	108	847989	25.727	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.411	45	1250090	24.949	ng/ul	99
16) Acetophenone	8.699	105	1374885	25.808	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.693	70	673567	22.634	ng/ul	97
18) 4-Methylphenol	8.652	108	906243	25.747	ng/ul	99
19) Hexachloroethane	8.958	117	367856	24.240	ng/ul	99
22) Nitrobenzene	9.081	77	963927	25.420	ng/ul	98
23) Isophorone	9.611	82	1977409	23.396	ng/ul	99
25) 2-Nitrophenol	9.787	139	464825	27.637	ng/ul	96
26) 2,4-Dimethylphenol	9.852	107	747080	19.784	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.099	93	1239216	24.278	ng/ul	100
29) 2,4-Dichlorophenol	10.322	162	877733	25.408	ng/ul	98
30) Naphthalene	10.728	128	2958826	24.549	ng/ul	100
32) 4-Chloroaniline	10.834	127	1079063	23.509	ng/ul	99
33) Hexachlorobutadiene	11.016	225	590053	25.043	ng/ul	100
34) Caprolactam	11.599	113	267176m	26.838	ng/ul	
35) 4-Chloro-3-methylphenol	11.957	107	890868	24.119	ng/ul	98
36) 2-Methylnaphthalene	12.334	142	2052344	24.060	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.557	142	2002061	23.317	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.699	216	1108842	26.426	ng/ul	99
40) Hexachlorocyclopentadiene	12.687	237	531959	22.384	ng/ul	99
41) 2,4,6-Trichlorophenol	12.940	196	676120	26.831	ng/ul	99
42) 2,4,5-Trichlorophenol	13.010	196	732689	26.889	ng/ul	99
43) 1,1'-Biphenyl	13.346	154	2665963	25.754	ng/ul	100
44) 2-Chloronaphthalene	13.387	162	2116127	25.829	ng/ul	99
45) 2-Nitroaniline	13.587	65	480686	27.267	ng/ul	94
47) Dimethylphthalate	13.975	163	2575413	24.898	ng/ul	99
48) 2,6-Dinitrotoluene	14.087	165	482738	27.682	ng/ul	93
50) Acenaphthylene	14.228	152	3377181	25.152	ng/ul	99
51) 3-Nitroaniline	14.410	138	453434	26.169	ng/ul#	96
52) Acenaphthene	14.575	153	2193947	25.013	ng/ul	99
53) 2,4-Dinitrophenol	14.610	184	152488	25.063	ng/ul	97
55) 4-Nitrophenol	14.710	109	271128	25.076	ng/ul	99
56) Dibenzofuran	14.910	168	2992026	24.951	ng/ul	100
57) 2,4-Dinitrotoluene	14.869	165	637620	27.056	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.128	232	547610	25.589	ng/ul	100
59) Diethylphthalate	15.340	149	2461414	23.689	ng/ul	100
61) Fluorene	15.557	166	2383037	24.369	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.557	204	1223657	24.642	ng/ul	99
63) 4-Nitroaniline	15.575	138	418920	25.618	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.628	198	279850	26.717	ng/ul	97
67) N-Nitrosodiphenylamine	15.769	169	1997123	26.545	ng/ul	100
68) 4-Bromophenyl-phenylether	16.451	248	744947	26.595	ng/ul	99
69) Hexachlorobenzene	16.557	284	824665	26.335	ng/ul	95
70) Atrazine	16.722	200	572597	24.931	ng/ul	100
71) Pentachlorophenol	16.898	266	406221	25.247	ng/ul	98
72) Phenanthrene	17.298	178	3415563	25.311	ng/ul	100
74) Anthracene	17.392	178	3366531	24.715	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.304	216	1118792	29.338	ng/uL	99
76) Pentachlorobenzene	14.822	250	1048682	28.310	ng/uL	99
77) Carbazole	17.657	167	2845933	25.789	ng/ul	99
78) Di-n-butylphthalate	18.228	149	3547769	23.113	ng/ul	100
80) Fluoranthene	19.269	202	3321176	25.428	ng/ul	99
82) Pyrene	19.622	202	3334697	25.354	ng/ul	99
83) Butylbenzylphthalate	20.516	149	1100469	22.609	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.280	252	843428	25.385	ng/ul	99
85) Benzo(a)anthracene	21.339	228	2828625	25.265	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.292	149	1634122	22.377	ng/ul	99
87) Chrysene	21.392	228	2615384	25.671	ng/ul	99
89) Di-n-octyl phthalate	22.239	149	2589046	21.722	ng/ul	100
90) Benzo(b)fluoranthene	23.039	252	2858655	24.309	ng/ul	99
91) Benzo(k)fluoranthene	23.086	252	2852637	24.368	ng/ul	99
93) Benzo(a)pyrene	23.674	252	2758094	25.503	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.327	276	3601901	28.804	ng/ul	100
95) Dibenzo(a,h)anthracene	26.363	278	2983661	29.145	ng/ul	99
96) Benzo(g,h,i)perylene	27.110	276	2957752	29.206	ng/ul	99

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

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