Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102323\
Data File : BP017784.D
Acq On : 24 Oct 2023 18:51
Operator : MA/JU
Sample : 04927-05MSD
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCD09MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/25/2023
Supervised By :mohammad ahmed 10/26/2023

Quant Time: Oct 25 03:57:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 19 01:32:15 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	121596	20.000	ng/ul	0.00
20) Naphthalene-d8	10.716	136	495572	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.581	164	299677	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.375	188	620993	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.516	240	524851	20.000	ng/ul	0.00
88) Perylene-d12	24.069	264	536059	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	11355	3.474	ng/uL	0.00
4) Pyridine-d5	3.711	84	14904m	1.742	ng/ul	0.02
7) Phenol-d5	7.046	99	202436	20.006	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	133589	21.378	ng/ul	0.00
11) 2-Chlorophenol-d4	7.405	132	168500	20.417	ng/ul	0.00
15) 4-Methylphenol-d8	8.605	113	140044	17.624	ng/ul	0.00
21) Nitrobenzene-d5	9.093	128	80084	19.943	ng/ul	0.00
24) 2-Nitrophenol-d4	9.805	143	88359	19.915	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.334	165	167503	19.245	ng/ul	0.00
31) 4-Chloroaniline-d4	10.887	131	163264	14.334	ng/ul	0.00
46) Dimethylphthalate-d6	13.999	166	493070	19.600	ng/ul	0.00
49) Acenaphthylene-d8	14.275	160	552437	19.691	ng/ul	0.00
54) 4-Nitrophenol-d4	14.828	143	64588	18.018	ng/ul	0.00
60) Fluorene-d10	15.587	176	414550	19.063	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.734	200	72378	17.695	ng/ul	0.00
73) Anthracene-d10	17.475	188	601308	18.948	ng/ul	0.00
81) Pyrene-d10	19.733	212	743070	22.582	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.898	264	613569	20.550	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	32184	9.283	ng/uL	94
5) Pyridine	3.723	79	12085	1.378	ng/ul#	78
6) Benzaldehyde	7.046	77	146296	26.876	ng/ul	95
8) Phenol	7.069	94	274412	27.505	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.322	93	225847	27.133	ng/ul	99
12) 2-Chlorophenol	7.434	128	216647	26.137	ng/ul	97
13) 2-Methylphenol	8.334	108	177208	23.535	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.399	45	286400m	27.955	ng/ul	
16) Acetophenone	8.740	105	388462	31.096	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.705	70	173491	29.279	ng/ul	97
18) 4-Methylphenol	8.669	108	195139	24.405	ng/ul	97
19) Hexachloroethane	8.940	117	102420	26.892	ng/ul#	78
22) Nitrobenzene	9.134	77	276731	27.677	ng/ul	99
23) Isophorone	9.646	82	497434	27.821	ng/ul	98
25) 2-Nitrophenol	9.840	139	123194	26.012	ng/ul	93
26) 2,4-Dimethylphenol	9.881	107	79099	8.510	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.140	93	295388	26.711	ng/ul	97
29) 2,4-Dichlorophenol	10.363	162	208557	25.059	ng/ul	96
30) Naphthalene	10.763	128	707939	24.823	ng/ul	100
32) 4-Chloroaniline	10.916	127	197142	18.075	ng/ul	97
33) Hexachlorobutadiene	10.987	225	147218	21.785	ng/ul	98
34) Caprolactam	11.752	113	56635	26.428	ng/ul	93
35) 4-Chloro-3-methylphenol	12.028	107	209398	26.725	ng/ul	95
36) 2-Methylnaphthalene	12.387	142	476631	24.741	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.604	142	471181	23.916	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.740	216	253909	22.897	ng/ul	98
40) Hexachlorocyclopentadiene	12.675	237	87711	13.767	ng/ul	98
41) 2,4,6-Trichlorophenol	13.004	196	164226	24.677	ng/ul	96
42) 2,4,5-Trichlorophenol	13.075	196	175342	25.484	ng/ul	99
43) 1,1'-Biphenyl	13.404	154	620420	25.129	ng/ul	99
44) 2-Chloronaphthalene	13.451	162	497967	24.950	ng/ul	98
45) 2-Nitroaniline	13.704	65	143816	31.710	ng/ul	94
47) Dimethylphthalate	14.046	163	627829	25.322	ng/ul	99
48) 2,6-Dinitrotoluene	14.198	165	123720	27.110	ng/ul	93
50) Acenaphthylene	14.310	152	800158	25.462	ng/ul	99
51) 3-Nitroaniline	14.540	138	106058	24.435	ng/ul	99
52) Acenaphthene	14.646	153	529856	24.941	ng/ul	99
53) 2,4-Dinitrophenol	14.751	184	51378	20.056	ng/ul	89
55) 4-Nitrophenol	14.840	109	98376	25.926	ng/ul	97
56) Dibenzofuran	14.987	168	731747	24.533	ng/ul	94
57) 2,4-Dinitrotoluene	14.987	165	179937	26.716	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	15.210	232	143324	23.474	ng/ul#	88
59) Diethylphthalate	15.410	149	637797	26.643	ng/ul	98
61) Fluorene	15.645	166	602135	24.576	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.634	204	298855	22.949	ng/ul	92
63) 4-Nitroaniline	15.722	138	101958	26.044	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.745	198	100963	23.045	ng/ul#	87
67) N-Nitrosodiphenylamine	15.863	169	493829	26.249	ng/ul	100
68) 4-Bromophenyl-phenylether	16.545	248	169787	23.368	ng/ul#	88
69) Hexachlorobenzene	16.622	284	184553	22.125	ng/ul#	87
70) Atrazine	16.828	200	170386	24.642	ng/ul	98
71) Pentachlorophenol	16.998	266	128033	25.530	ng/ul	97
72) Phenanthrene	17.416	178	945443	25.990	ng/ul	100
74) Anthracene	17.510	178	901310	24.463	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.357	216	251737	24.160	ng/uL	96
76) Pentachlorobenzene	14.875	250	216958	21.484	ng/uL	99
77) Carbazole	17.804	167	844318	27.114	ng/ul	99
78) Di-n-butylphthalate	18.316	149	1128032	31.203	ng/ul	99
80) Fluoranthene	19.398	202	1110997	29.386	ng/ul#	96
82) Pyrene	19.763	202	1142041	28.512	ng/ul	98
83) Butylbenzylphthalate	20.633	149	500215	36.310	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.445	252	189797	16.006	ng/ul#	99
85) Benzo(a)anthracene	21.498	228	1081562	27.107	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.375	149	727353	37.822	ng/ul#	97
87) Chrysene	21.551	228	1003830	26.604	ng/ul	99
89) Di-n-octyl phthalate	22.357	149	1218202	35.877	ng/ul	100
90) Benzo(b)fluoranthene	23.274	252	988808	27.103	ng/ul	98
91) Benzo(k)fluoranthene	23.327	252	1019769	27.580	ng/ul	99
93) Benzo(a)pyrene	23.951	252	911617	26.617	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.780	276	1076804	26.379	ng/ul	96
95) Dibenzo(a,h)anthracene	26.804	278	886875	26.039	ng/ul	96
96) Benzo(g,h,i)perylene	27.627	276	783962	23.837	ng/ul#	95

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

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