Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102523\
Data File : BP017820.D
Acq On : 26 Oct 2023 01:31
Operator : MA/JU
Sample : 04953-10MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EOAT5MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023

Quant Time: Oct 26 06:10:18 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	150684	20.000	ng/ul	0.00
20) Naphthalene-d8	10.710	136	558026	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.575	164	321095	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.369	188	659610	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.510	240	576139	20.000	ng/ul	0.00
88) Perylene-d12	24.063	264	588869	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	12301	3.037	ng/uL	0.02
4) Pyridine-d5	3.728	84	18539m	1.748	ng/ul	0.04
7) Phenol-d5	7.046	99	196021	15.633	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	130479	16.849	ng/ul	0.00
11) 2-Chlorophenol-d4	7.405	132	164935	16.127	ng/ul	0.00
15) 4-Methylphenol-d8	8.605	113	134099	13.618	ng/ul	0.00
21) Nitrobenzene-d5	9.087	128	76942	17.016	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.805	143	84806	16.975	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	156112	15.929	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.887	131	153381	11.959	ng/ul	0.00
46) Dimethylphthalate-d6	13.993	166	451998	16.769	ng/ul	-0.01
49) Acenaphthylene-d8	14.275	160	489880	16.297	ng/ul	0.00
54) 4-Nitrophenol-d4	14.822	143	56596	14.736	ng/ul	0.00
60) Fluorene-d10	15.581	176	372506	15.987	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.728	200	63438	14.601	ng/ul	0.00
73) Anthracene-d10	17.469	188	546155	16.203	ng/ul	0.00
81) Pyrene-d10	19.728	212	663602	18.372	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.892	264	571977	17.439	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	34742	8.086	ng/uL	92
5) Pyridine	3.752	79	10299m	0.948	ng/ul	
6) Benzaldehyde	7.046	77	151012	22.387	ng/ul	98
8) Phenol	7.069	94	272741	22.060	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.322	93	223918	21.709	ng/ul	97
12) 2-Chlorophenol	7.434	128	221889	21.602	ng/ul	98
13) 2-Methylphenol	8.334	108	168869	18.098	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.399	45	276736m	21.797	ng/ul	
16) Acetophenone	8.740	105	374383	24.184	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.705	70	156521	21.316	ng/ul	94
18) 4-Methylphenol	8.669	108	188619	19.036	ng/ul	98
19) Hexachloroethane	8.940	117	105901	22.438	ng/ul	83
22) Nitrobenzene	9.134	77	280379	24.903	ng/ul	97
23) Isophorone	9.640	82	478029	23.743	ng/ul	97
25) 2-Nitrophenol	9.834	139	121539	22.791	ng/ul	88
26) 2,4-Dimethylphenol	9.881	107	67122	6.413	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.134	93	286123	22.978	ng/ul	99
29) 2,4-Dichlorophenol	10.357	162	199498	21.288	ng/ul	96
30) Naphthalene	10.763	128	693324	21.590	ng/ul	99
32) 4-Chloroaniline	10.910	127	200729	16.344	ng/ul	98
33) Hexachlorobutadiene	10.981	225	149951	19.706	ng/ul	99
34) Caprolactam	11.746	113	53550	22.191	ng/ul	100
35) 4-Chloro-3-methylphenol	12.022	107	199778	22.643	ng/ul	91
36) 2-Methylnaphthalene	12.381	142	464178	21.398	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.604	142	457089	20.604	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.734	216	253042	21.297	ng/ul	98
40) Hexachlorocyclopentadiene	12.675	237	91698	13.433	ng/ul#	98
41) 2,4,6-Trichlorophenol	12.998	196	158597	22.242	ng/ul	97
42) 2,4,5-Trichlorophenol	13.069	196	165512	22.451	ng/ul	98
43) 1,1'-Biphenyl	13.398	154	602269	22.767	ng/ul	99
44) 2-Chloronaphthalene	13.451	162	476376	22.276	ng/ul	96
45) 2-Nitroaniline	13.698	65	141458	29.110	ng/ul	92
47) Dimethylphthalate	14.045	163	604503	22.755	ng/ul	99
48) 2,6-Dinitrotoluene	14.193	165	119257	24.389	ng/ul	88
50) Acenaphthylene	14.304	152	762132	22.634	ng/ul	99
51) 3-Nitroaniline	14.540	138	104285	22.424	ng/ul	93
52) Acenaphthene	14.640	153	513323	22.551	ng/ul	99
53) 2,4-Dinitrophenol	14.751	184	47207	17.198	ng/ul	88
55) 4-Nitrophenol	14.840	109	99547	24.485	ng/ul	92
56) Dibenzofuran	14.981	168	697803	21.834	ng/ul	93
57) 2,4-Dinitrotoluene	14.987	165	174267	24.148	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.204	232	132639	20.275	ng/ul#	87
59) Diethylphthalate	15.404	149	614464	23.956	ng/ul	98
61) Fluorene	15.640	166	576788	21.971	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.628	204	294478	21.105	ng/ul#	90
63) 4-Nitroaniline	15.716	138	100725	24.013	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.745	198	96963	20.836	ng/ul#	91
67) N-Nitrosodiphenylamine	15.863	169	474333	23.737	ng/ul	99
68) 4-Bromophenyl-phenylether	16.539	248	168361	21.815	ng/ul#	87
69) Hexachlorobenzene	16.622	284	182575	20.606	ng/ul#	89
70) Atrazine	16.828	200	155034	21.109	ng/ul	98
71) Pentachlorophenol	16.998	266	90200	16.933	ng/ul	98
72) Phenanthrene	17.410	178	923441	23.899	ng/ul	100
74) Anthracene	17.504	178	877620	22.425	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.351	216	245351	22.168	ng/uL	98
76) Pentachlorobenzene	14.869	250	215246	20.067	ng/uL	99
77) Carbazole	17.798	167	794271	24.014	ng/ul	98
78) Di-n-butylphthalate	18.310	149	1055304	27.482	ng/ul	99
80) Fluoranthene	19.398	202	1151790	27.753	ng/ul	97
82) Pyrene	19.757	202	1173962	26.700	ng/ul	97
83) Butylbenzylphthalate	20.628	149	474881	31.402	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.439	252	227306	17.463	ng/ul	99
85) Benzo(a)anthracene	21.492	228	1091079	24.911	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.375	149	678600	32.145	ng/ul	99
87) Chrysene	21.551	228	1021421	24.661	ng/ul	99
89) Di-n-octyl phthalate	22.351	149	1142690	30.635	ng/ul	100
90) Benzo(b)fluoranthene	23.269	252	1036390	25.860	ng/ul	99
91) Benzo(k)fluoranthene	23.321	252	1010155	24.870	ng/ul	99
93) Benzo(a)pyrene	23.945	252	927639	24.655	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.768	276	1076401	24.005	ng/ul	97
95) Dibenzo(a,h)anthracene	26.798	278	869110	23.229	ng/ul	98
96) Benzo(g,h,i)perylene	27.615	276	500380	13.850	ng/ul	96

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

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