Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111723\
Data File : BP018233.D
Acq On : 17 Nov 2023 22:31
Operator : MA/JU
Sample : 05369-17MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Nov 17 23:44:30 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

Instrument :
BNA_P
ClientSampleId :
GCDP3MS

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	52616	20.000	ng/ul	0.00
20) Naphthalene-d8	10.593	136	202093	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.457	164	124012	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.239	188	285950	20.000	ng/ul	0.00
79) Chrysene-d12	21.374	240	295362	20.000	ng/ul	0.00
88) Perylene-d12	23.851	264	340176	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	2592	1.738	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.981	99	1957m	0.385	ng/ul	0.03
9) Bis-(2-Chloroethyl)eth...	7.146	67	7714	2.584	ng/ul	0.01
11) 2-Chlorophenol-d4	7.310	132	5247	1.304	ng/ul	0.00
15) 4-Methylphenol-d8	8.534	113	3340m	0.802	ng/ul	0.02
21) Nitrobenzene-d5	8.999	128	4450	2.444	ng/ul	0.00
24) 2-Nitrophenol-d4	9.722	143	2860	1.387	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.257	165	6452m	1.755	ng/ul	0.03
31) 4-Chloroaniline-d4	10.810	131	10823m	2.147	ng/ul	0.02
46) Dimethylphthalate-d6	13.887	166	30871	2.698	ng/ul	0.00
49) Acenaphthylene-d8	14.157	160	35273	2.830	ng/ul	0.00
54) 4-Nitrophenol-d4	14.757	143	5927m	3.466	ng/ul	0.02
60) Fluorene-d10	15.463	176	30057	3.182	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	1138m	0.551	ng/ul	0.02
73) Anthracene-d10	17.345	188	48459	3.133	ng/ul	0.00
81) Pyrene-d10	19.604	212	61034	3.094	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.686	264	63127	3.191	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.199	88	3790	2.329	ng/uL#	87
6) Benzaldehyde	6.969	77	19263	7.041	ng/ul	93
8) Phenol	7.005	94	16594	3.311	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.234	93	25489	6.556	ng/ul	92
12) 2-Chlorophenol	7.346	128	21451	5.311	ng/ul	96
13) 2-Methylphenol	8.252	108	18230	4.815	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.293	45	33330	7.508	ng/ul#	90
16) Acetophenone	8.646	105	42695	6.453	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.604	70	22298	6.173	ng/ul	94
18) 4-Methylphenol	8.599	108	18162	4.398	ng/ul	89
19) Hexachloroethane	8.828	117	13820	7.152	ng/ul	91
22) Nitrobenzene	9.046	77	33977	6.911	ng/ul	99
23) Isophorone	9.534	82	59665	6.651	ng/ul	98
25) 2-Nitrophenol	9.751	139	10310	4.864	ng/ul	94
26) 2,4-Dimethylphenol	9.787	107	27734	6.151	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.040	93	31617	6.463	ng/ul	98
29) 2,4-Dichlorophenol	10.287	162	18227	5.192	ng/ul	91
30) Naphthalene	10.646	128	92146	7.498	ng/ul	99
32) 4-Chloroaniline	10.834	127	19974	4.136	ng/ul	96
33) Hexachlorobutadiene	10.863	225	20165	7.824	ng/ul	97
34) Caprolactam	11.646	113	3986m	3.418	ng/ul	
35) 4-Chloro-3-methylphenol	11.940	107	21260	5.034	ng/ul	95
36) 2-Methylnaphthalene	12.269	142	58011	6.875	ng/ul	98
37) 1-Methylnaphthalene	12.487	142	60593	6.988	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.628	216	33161	7.916	ng/ul	98
40) Hexachlorocyclopentadiene	12.551	237	6607	3.267	ng/ul#	94
41) 2,4,6-Trichlorophenol	12.904	196	14735	5.362	ng/ul	97
42) 2,4,5-Trichlorophenol	12.992	196	16019	5.538	ng/ul	96
43) 1,1'-Biphenyl	13.292	154	81064	7.687	ng/ul	98
44) 2-Chloronaphthalene	13.340	162	63820	7.623	ng/ul	99
45) 2-Nitroaniline	13.610	65	16074	5.950	ng/ul	96
47) Dimethylphthalate	13.934	163	83085	7.402	ng/ul	98
48) 2,6-Dinitrotoluene	14.098	165	15007	6.727	ng/ul	94
50) Acenaphthylene	14.192	152	104001	7.391	ng/ul	99
51) 3-Nitroaniline	14.463	138	12029m	5.811	ng/ul	
52) Acenaphthene	14.522	153	72482	7.769	ng/ul	96
53) 2,4-Dinitrophenol	14.710	184	2533m	2.081	ng/ul	
55) 4-Nitrophenol	14.757	109	2326	1.025	ng/ul#	3
56) Dibenzofuran	14.869	168	99978	7.819	ng/ul	89
57) 2,4-Dinitrotoluene	14.898	165	22567	6.770	ng/ul#	92
58) 2,3,4,6-Tetrachlorophenol	15.098	232	14518	5.643	ng/ul#	97
59) Diethylphthalate	15.292	149	95949	8.182	ng/ul	98
61) Fluorene	15.522	166	84527	7.787	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.510	204	43827	8.239	ng/ul	93
63) 4-Nitroaniline	15.639	138	10173m	5.207	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.663	198	7757	3.616	ng/ul#	71
67) N-Nitrosodiphenylamine	15.745	169	70672	7.706	ng/ul	97
68) 4-Bromophenyl-phenylether	16.416	248	25962	8.056	ng/ul#	86
69) Hexachlorobenzene	16.498	284	30992	8.618	ng/ul	99
70) Atrazine	16.704	200	24979	7.808	ng/ul	95
71) Pentachlorophenol	16.886	266	7135	3.268	ng/ul	92
72) Phenanthrene	17.286	178	145495	8.287	ng/ul	99
74) Anthracene	17.381	178	145393	8.115	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.245	216	34149	7.820	ng/uL	96
76) Pentachlorobenzene	14.757	250	35482	8.300	ng/uL	96
77) Carbazole	17.686	167	126221	8.112	ng/ul	99
78) Di-n-butylphthalate	18.186	149	166915	8.455	ng/ul	98
80) Fluoranthene	19.275	202	176116	7.644	ng/ul	96
82) Pyrene	19.633	202	187652	7.772	ng/ul	98
83) Butylbenzylphthalate	20.498	149	78532	7.734	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.316	252	50073	7.096	ng/ul	97
85) Benzo(a)anthracene	21.357	228	194733	8.165	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.239	149	116291	8.307	ng/ul	100
87) Chrysene	21.416	228	185237	8.302	ng/ul	98
89) Di-n-octyl phthalate	22.192	149	195202	7.673	ng/ul	100
90) Benzo(b)fluoranthene	23.080	252	198056	8.181	ng/ul	99
91) Benzo(k)fluoranthene	23.133	252	200876	8.247	ng/ul	98
93) Benzo(a)pyrene	23.739	252	182919	8.001	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.474	276	223381	8.146	ng/ul	97
95) Dibenzo(a,h)anthracene	26.492	278	186626	8.266	ng/ul	99
96) Benzo(g,h,i)perylene	27.292	276	181016	8.253	ng/ul	96

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

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