Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111723\
Data File : BP018252.D
Acq On : 18 Nov 2023 09:51
Operator : MA/JU
Sample : 05369-17MS
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCDP3MS

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

Quant Time: Nov 19 01:35:58 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	7.781	152	58676	20.000	ng/ul	0.00
20) Naphthalene-d8	10.593	136	248357	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.457	164	175307	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.239	188	393981	20.000	ng/ul	0.00
79) Chrysene-d12	21.374	240	383608	20.000	ng/ul	0.00
88) Perylene-d12	23.851	264	416193	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	5482	3.296	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.969	99	2416m	0.426	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.140	67	11404	3.426	ng/ul	0.00
11) 2-Chlorophenol-d4	7.311	132	7298	1.627	ng/ul	0.00
15) 4-Methylphenol-d8	8.528	113	4972	1.071	ng/ul	0.02
21) Nitrobenzene-d5	8.993	128	7054	3.153	ng/ul	0.00
24) 2-Nitrophenol-d4	9.710	143	4722	1.863	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.252	165	9999m	2.213	ng/ul	0.02
31) 4-Chloroaniline-d4	10.799	131	14607	2.358	ng/ul	0.01
46) Dimethylphthalate-d6	13.881	166	48203	2.980	ng/ul	0.00
49) Acenaphthylene-d8	14.157	160	57795	3.281	ng/ul	0.00
54) 4-Nitrophenol-d4	14.751	143	9024	3.733	ng/ul	0.02
60) Fluorene-d10	15.463	176	49673	3.720	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.634	200	2114m	0.742	ng/ul	0.00
73) Anthracene-d10	17.345	188	77425	3.634	ng/ul	0.00
81) Pyrene-d10	19.604	212	96648	3.772	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.686	264	94720	3.914	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.193	88	5405	2.978	ng/uL#	90
5) Pyridine	3.628	79	23806	5.319	ng/ul	95
6) Benzaldehyde	6.963	77	26289	8.617	ng/ul	96
8) Phenol	6.993	94	26762m	4.789	ng/ul	
10) Bis(2-Chloroethyl)ether	7.228	93	37402	8.627	ng/ul	94
12) 2-Chlorophenol	7.340	128	29275	6.500	ng/ul	93
13) 2-Methylphenol	8.246	108	27437	6.498	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.293	45	41801m	8.444	ng/ul	
16) Acetophenone	8.640	105	60918	8.256	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.599	70	33068	8.209	ng/ul	96
18) 4-Methylphenol	8.593	108	24603	5.343	ng/ul	96
19) Hexachloroethane	8.822	117	18018	8.361	ng/ul	92
22) Nitrobenzene	9.034	77	49498	8.193	ng/ul	97
23) Isophorone	9.534	82	90836	8.239	ng/ul	99
25) 2-Nitrophenol	9.746	139	17103	6.566	ng/ul	93
26) 2,4-Dimethylphenol	9.781	107	36663	6.616	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.034	93	49876	8.296	ng/ul	99
29) 2,4-Dichlorophenol	10.275	162	29987	6.950	ng/ul	97
30) Naphthalene	10.646	128	131839	8.729	ng/ul	98
32) 4-Chloroaniline	10.822	127	30558	5.149	ng/ul	99
33) Hexachlorobutadiene	10.863	225	28416	8.972	ng/ul	97
34) Caprolactam	11.628	113	7867m	5.489	ng/ul	
35) 4-Chloro-3-methylphenol	11.928	107	38741	7.464	ng/ul	94
36) 2-Methylnaphthalene	12.269	142	91835	8.857	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.487	142	92985	8.727	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.622	216	52414	8.850	ng/ul	96
40) Hexachlorocyclopentadiene	12.551	237	10848	3.795	ng/ul	89
41) 2,4,6-Trichlorophenol	12.898	196	26842	6.909	ng/ul	99
42) 2,4,5-Trichlorophenol	12.981	196	31481m	7.700	ng/ul	
43) 1,1'-Biphenyl	13.287	154	128797	8.640	ng/ul	99
44) 2-Chloronaphthalene	13.334	162	100451	8.488	ng/ul	99
45) 2-Nitroaniline	13.604	65	29397	7.697	ng/ul	99
47) Dimethylphthalate	13.928	163	133580	8.419	ng/ul	98
48) 2,6-Dinitrotoluene	14.092	165	26550m	8.418	ng/ul	
50) Acenaphthylene	14.187	152	166896	8.391	ng/ul	98
51) 3-Nitroaniline	14.451	138	20616m	7.045	ng/ul	
52) Acenaphthene	14.522	153	119218	9.039	ng/ul	99
53) 2,4-Dinitrophenol	14.687	184	3622	2.105	ng/ul#	81
55) 4-Nitrophenol	14.757	109	3333m	1.039	ng/ul	
56) Dibenzofuran	14.869	168	167728	9.280	ng/ul	96
57) 2,4-Dinitrotoluene	14.892	165	40715	8.641	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.098	232	25514	7.015	ng/ul	99
59) Diethylphthalate	15.287	149	158957	9.589	ng/ul	99
61) Fluorene	15.516	166	138752	9.042	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.510	204	71379	9.492	ng/ul	98
63) 4-Nitroaniline	15.628	138	16213	5.871	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.651	198	12846	4.347	ng/ul#	92
67) N-Nitrosodiphenylamine	15.745	169	117042	9.263	ng/ul	100
68) 4-Bromophenyl-phenylether	16.416	248	42694	9.615	ng/ul	85
69) Hexachlorobenzene	16.498	284	48762	9.841	ng/ul	98
70) Atrazine	16.704	200	41225	9.353	ng/ul	97
71) Pentachlorophenol	16.881	266	12620	4.196	ng/ul	91
72) Phenanthrene	17.286	178	235010	9.715	ng/ul	99
74) Anthracene	17.381	178	232441	9.416	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.240	216	54424	9.046	ng/uL	96
76) Pentachlorobenzene	14.757	250	58765	9.977	ng/uL	97
77) Carbazole	17.681	167	205337	9.579	ng/ul	98
78) Di-n-butylphthalate	18.186	149	276131	10.152	ng/ul	98
80) Fluoranthene	19.275	202	279802	9.350	ng/ul	97
82) Pyrene	19.628	202	301070	9.601	ng/ul	99
83) Butylbenzylphthalate	20.498	149	124361	9.430	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.310	252	79159	8.637	ng/ul	96
85) Benzo(a)anthracene	21.357	228	300626	9.705	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.239	149	187917	10.336	ng/ul	98
87) Chrysene	21.416	228	283956	9.799	ng/ul	99
89) Di-n-octyl phthalate	22.198	149	310379	9.972	ng/ul	100
90) Benzo(b)fluoranthene	23.080	252	294018	9.927	ng/ul	99
91) Benzo(k)fluoranthene	23.133	252	290404	9.745	ng/ul	98
93) Benzo(a)pyrene	23.739	252	274428	9.811	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.480	276	329464	9.821	ng/ul	97
95) Dibenzo(a,h)anthracene	26.504	278	271407	9.825	ng/ul	100
96) Benzo(g,h,i)perylene	27.298	276	262262	9.774	ng/ul	96

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

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