Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111924\
Data File : BP023242.D
Acq On : 20 Nov 2024 08:11
Operator : RC/JU
Sample : P4817-03MS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Nov 21 00:26:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 20 04:34:35 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
BHK71MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024

11/22/2024
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11/22/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	84597	20.000	ng/ul	0.00
20) Naphthalene-d8	10.310	136	316026	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.181	164	249637	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.992	188	653411	20.000	ng/ul	0.00
79) Chrysene-d12	21.427	240	775731	20.000	ng/ul	0.00
88) Perylene-d12	24.633	264	918072	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	6461	3.671	ng/uL	0.00
4) Pyridine-d5	3.546	84	67161	12.844	ng/ul	0.00
7) Phenol-d5	6.769	99	138634	22.166	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.916	67	83462	22.713	ng/ul	0.00
11) 2-Chlorophenol-d4	7.116	132	101655	22.192	ng/ul	0.00
15) 4-Methylphenol-d8	8.275	113	113185	21.991	ng/ul	0.00
21) Nitrobenzene-d5	8.705	128	52116	23.688	ng/ul	0.00
24) 2-Nitrophenol-d4	9.422	143	62925	23.991	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.963	165	138291	25.177	ng/ul	0.00
31) 4-Chloroaniline-d4	10.469	131	122669	18.720	ng/ul	0.00
46) Dimethylphthalate-d6	13.581	166	463216	25.746	ng/ul	0.00
49) Acenaphthylene-d8	13.869	160	481032	25.623	ng/ul	0.00
54) 4-Nitrophenol-d4	14.440	143	58754	21.730	ng/ul	-0.02
60) Fluorene-d10	15.198	176	407360	25.824	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.345	200	87262	22.293	ng/ul	0.00
73) Anthracene-d10	17.092	188	711706	25.725	ng/ul	0.00
81) Pyrene-d10	19.475	212	925592	25.905	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.421	264	1173162	26.827	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.170	88	22246	10.939	ng/uL	94
5) Pyridine	3.564	79	138474	26.369	ng/ul	96
6) Benzaldehyde	6.746	77	50184m	13.943	ng/ul	
8) Phenol	6.799	94	204189	31.263	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.011	93	146053	29.759	ng/ul	98
12) 2-Chlorophenol	7.146	128	143309	30.134	ng/ul	95
13) 2-Methylphenol	8.016	108	143971	29.531	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.075	45	174024	31.322	ng/ul	95
16) Acetophenone	8.387	105	257439	29.766	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.363	70	133143	30.831	ng/ul	99
18) 4-Methylphenol	8.346	108	159835	29.682	ng/ul	97
19) Hexachloroethane	8.610	117	67496	29.346	ng/ul	95
22) Nitrobenzene	8.752	77	204651	32.418	ng/ul	94
23) Isophorone	9.269	82	362071	32.076	ng/ul	99
25) 2-Nitrophenol	9.457	139	88976	32.139	ng/ul	95
26) 2,4-Dimethylphenol	9.522	107	175928	29.428	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.740	93	205871	33.147	ng/ul	96
29) 2,4-Dichlorophenol	9.987	162	180152	33.112	ng/ul	99
30) Naphthalene	10.363	128	478811	31.186	ng/ul	100
32) 4-Chloroaniline	10.493	127	90730	14.291	ng/ul	99
33) Hexachlorobutadiene	10.634	225	154925	31.470	ng/ul	98
34) Caprolactam	11.287	113	50071m	30.941	ng/ul	
35) 4-Chloro-3-methylphenol	11.634	107	194183	33.176	ng/ul	98
36) 2-Methylnaphthalene	11.981	142	365377	31.522	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.193	142	364092	30.727	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.351	216	280574	33.292	ng/ul	95
40) Hexachlorocyclopentadiene	12.316	237	124506	28.127	ng/ul	95
41) 2,4,6-Trichlorophenol	12.598	196	176294	34.353	ng/ul	96
42) 2,4,5-Trichlorophenol	12.698	196	195513	35.339	ng/ul	95
43) 1,1'-Biphenyl	12.998	154	532926	33.316	ng/ul	98
44) 2-Chloronaphthalene	13.046	162	441002	33.726	ng/ul	99
45) 2-Nitroaniline	13.257	65	134105	36.525	ng/ul	94
47) Dimethylphthalate	13.640	163	602006	33.928	ng/ul	99
48) 2,6-Dinitrotoluene	13.775	165	121190	35.112	ng/ul	96
50) Acenaphthylene	13.898	152	637348	33.586	ng/ul	100
51) 3-Nitroaniline	14.122	138	98380	33.093	ng/ul#	91
52) Acenaphthene	14.245	153	468325	33.993	ng/ul	99
53) 2,4-Dinitrophenol	14.340	184	75918	30.999	ng/ul	95
55) 4-Nitrophenol	14.457	109	128108m	40.496	ng/ul	
56) Dibenzofuran	14.587	168	718527	33.756	ng/ul	98
57) 2,4-Dinitrotoluene	14.581	165	193034	35.091	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	14.834	232	182315	33.712	ng/ul	96
59) Diethylphthalate	15.022	149	610730	34.802	ng/ul	99
61) Fluorene	15.257	166	600083	34.443	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.245	204	354327	34.540	ng/ul	97
63) 4-Nitroaniline	15.304	138	108035	39.055	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.357	198	132850	31.772	ng/ul	98
67) N-Nitrosodiphenylamine	15.457	169	518682	34.353	ng/ul	99
68) 4-Bromophenyl-phenylether	16.151	248	247256	33.417	ng/ul	96
69) Hexachlorobenzene	16.281	284	308688	33.140	ng/ul	96
70) Atrazine	16.451	200	24196	3.315	ng/ul	95
71) Pentachlorophenol	16.645	266	176448	30.511	ng/ul	99
72) Phenanthrene	17.039	178	1043354	33.819	ng/ul	98
74) Anthracene	17.128	178	1033005	33.304	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.963	216	278781	32.315	ng/uL	97
76) Pentachlorobenzene	14.510	250	327166	33.213	ng/uL	98
77) Carbazole	17.422	167	927113	34.260	ng/ul	99
78) Di-n-butylphthalate	17.998	149	1093327	36.408	ng/ul	99
80) Fluoranthene	19.133	202	1407869	34.202	ng/ul	99
82) Pyrene	19.516	202	1470770	33.259	ng/ul	99
83) Butylbenzylphthalate	20.463	149	543390	37.323	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.333	252	476454	27.362	ng/ul	99
85) Benzo(a)anthracene	21.410	228	1616545	34.128	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.333	149	894823	43.249	ng/ul	98
87) Chrysene	21.474	228	1519823	34.100	ng/ul	99
89) Di-n-octyl phthalate	22.551	149	1355403	36.390	ng/ul	100
90) Benzo(b)fluoranthene	23.627	252	1785982	34.951	ng/ul	100
91) Benzo(k)fluoranthene	23.692	252	1771036	35.207	ng/ul#	99
93) Benzo(a)pyrene	24.492	252	1591271	34.448	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.292	276	2123495	32.995	ng/ul	98
95) Dibenzo(a,h)anthracene	28.333	278	1701779	32.567	ng/ul	100
96) Benzo(g,h,i)perylene	29.421	276	1597383	32.678	ng/ul	98

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

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