Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070824\
Data File : BP020860.D
Acq On : 09 Jul 2024 11:51
Operator : MA/JU
Sample : P3035-03MSD
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CW2MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/10/2024
Supervised By :mohammad ahmed 07/10/2024

Quant Time: Jul 09 23:40:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 15:01:56 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	189013	20.000	ng/ul	0.00
20) Naphthalene-d8	10.499	136	792350	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.363	164	520361	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.175	188	1095508	20.000	ng/ul	0.01
79) Chrysene-d12	21.639	240	981231	20.000	ng/ul	0.02
88) Perylene-d12	25.004	264	1160237	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	24268	5.513	ng/uL	0.00
4) Pyridine-d5	3.681	84	102289	7.974	ng/ul	0.00
7) Phenol-d5	6.922	99	605759	39.075	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.075	67	358134	36.440	ng/ul	0.00
11) 2-Chlorophenol-d4	7.269	132	508760	40.155	ng/ul	0.00
15) 4-Methylphenol-d8	8.446	113	468980	37.248	ng/ul	0.01
21) Nitrobenzene-d5	8.887	128	254457	43.498	ng/ul	0.00
24) 2-Nitrophenol-d4	9.593	143	292507	49.966	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.128	165	532501	44.159	ng/ul	0.00
31) 4-Chloroaniline-d4	10.652	131	308179	18.236	ng/ul	0.01
46) Dimethylphthalate-d6	13.763	166	1535882	42.451	ng/ul	0.00
49) Acenaphthylene-d8	14.045	160	1712080	39.657	ng/ul	0.00
54) 4-Nitrophenol-d4	14.610	143	242348	43.840	ng/ul	0.03
60) Fluorene-d10	15.375	176	1300531	42.717	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.516	200	232332	42.083	ng/ul	0.02
73) Anthracene-d10	17.281	188	1968062	40.028	ng/ul	0.02
81) Pyrene-d10	19.663	212	2050950	34.792	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.780	264	1600955	28.366	ng/ul	0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	60414	12.265	ng/uL	94
5) Pyridine	3.699	79	174275	13.115	ng/ul	98
6) Benzaldehyde	6.887	77	213178	27.192	ng/ul	99
8) Phenol	6.946	94	654933	41.428	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.163	93	481777	36.810	ng/ul	98
12) 2-Chlorophenol	7.305	128	509916	40.035	ng/ul	98
13) 2-Methylphenol	8.181	108	478429	39.444	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.240	45	687337	34.556	ng/ul	99
16) Acetophenone	8.546	105	798852	39.729	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.534	70	383999	35.929	ng/ul	97
18) 4-Methylphenol	8.510	108	525781	40.952	ng/ul	98
19) Hexachloroethane	8.787	117	167145	30.230	ng/ul	91
22) Nitrobenzene	8.922	77	567609	37.429	ng/ul	98
23) Isophorone	9.440	82	1110333	36.952	ng/ul	98
25) 2-Nitrophenol	9.628	139	308411	48.783	ng/ul	93
26) 2,4-Dimethylphenol	9.687	107	430359	29.228	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.916	93	667876	37.363	ng/ul	98
29) 2,4-Dichlorophenol	10.157	162	516330	43.259	ng/ul	98
30) Naphthalene	10.546	128	1632738	38.499	ng/ul	99
32) 4-Chloroaniline	10.675	127	326008	20.037	ng/ul	98
33) Hexachlorobutadiene	10.810	225	361764	40.542	ng/ul	99
34) Caprolactam	11.475	113	143398	39.480	ng/ul	85
35) 4-Chloro-3-methylphenol	11.804	107	561718	42.624	ng/ul	97
36) 2-Methylnaphthalene	12.157	142	1136581	40.008	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.381	142	1178435	40.577	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.528	216	665130	39.979	ng/ul	98
40) Hexachlorocyclopentadiene	12.498	237	180860	17.466	ng/ul	98
41) 2,4,6-Trichlorophenol	12.781	196	443882	44.725	ng/ul	99
42) 2,4,5-Trichlorophenol	12.863	196	486923	47.304	ng/ul	96
43) 1,1'-Biphenyl	13.181	154	1488561	38.250	ng/ul	99
44) 2-Chloronaphthalene	13.222	162	1180982	38.530	ng/ul	99
45) 2-Nitroaniline	13.440	65	365717	47.371	ng/ul	93
47) Dimethylphthalate	13.822	163	1517656	41.179	ng/ul	99
48) 2,6-Dinitrotoluene	13.951	165	325979	49.603	ng/ul	93
50) Acenaphthylene	14.075	152	1900730	38.976	ng/ul	99
51) 3-Nitroaniline	14.287	138	255384	41.812	ng/ul	96
52) Acenaphthene	14.422	153	1256639	38.846	ng/ul	100
53) 2,4-Dinitrophenol	14.504	184	152960	44.872	ng/ul	98
55) 4-Nitrophenol	14.628	109	221121	44.699	ng/ul	97
56) Dibenzofuran	14.769	168	1760069	40.377	ng/ul	98
57) 2,4-Dinitrotoluene	14.745	165	464473	51.202	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.010	232	403832	47.500	ng/ul	97
59) Diethylphthalate	15.192	149	1508222	41.487	ng/ul	99
61) Fluorene	15.434	166	1456687	41.591	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.422	204	750423	41.059	ng/ul	97
63) 4-Nitroaniline	15.475	138	296791m	51.199	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.534	198	251733	42.567	ng/ul#	89
67) N-Nitrosodiphenylamine	15.639	169	1227370	37.990	ng/ul	99
68) 4-Bromophenyl-phenylether	16.339	248	487440	39.890	ng/ul	94
69) Hexachlorobenzene	16.457	284	449170	32.837	ng/ul	94
70) Atrazine	16.628	200	326013	28.624	ng/ul	97
71) Pentachlorophenol	16.828	266	313035	39.750	ng/ul	95
72) Phenanthrene	17.222	178	2774487	48.364	ng/ul	100
74) Anthracene	17.316	178	2289009	38.791	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.151	216	683507	38.436	ng/uL	97
76) Pentachlorobenzene	14.681	250	565240	33.350	ng/uL	99
77) Carbazole	17.598	167	1976573	40.587	ng/ul	99
78) Di-n-butylphthalate	18.180	149	2697680	42.649	ng/ul	100
80) Fluoranthene	19.316	202	3928628	54.560	ng/ul	98
82) Pyrene	19.692	202	3223997	43.658	ng/ul	99
83) Butylbenzylphthalate	20.645	149	1208101	44.057	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.545	252	289920	13.364	ng/ul	99
85) Benzo(a)anthracene	21.622	228	3321490	48.294	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.551	149	1920576	45.110	ng/ul#	99
87) Chrysene	21.692	228	3302527	50.801	ng/ul	100
89) Di-n-octyl phthalate	22.827	149	3027519	40.647	ng/ul	100
90) Benzo(b)fluoranthene	23.945	252	3852724	54.813	ng/ul	98
91) Benzo(k)fluoranthene	24.015	252	3172356	44.618	ng/ul	98
93) Benzo(a)pyrene	24.845	252	1707707	25.737	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.821	276	3078580m	36.173	ng/ul	
95) Dibenzo(a,h)anthracene	28.915	278	2974739m	42.528	ng/ul	
96) Benzo(g,h,i)perylene	30.015	276	331357m	4.769	ng/ul	

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

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Instrument :
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