Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121024\
Data File : BP023348.D
Acq On : 10 Dec 2024 15:53
Operator : RC/JU
Sample : P5109-05MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHJA2MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/13/2024

Quant Time: Dec 11 01:38:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 00:30:30 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.540	152	96588	20.000	ng/ul	0.00
20) Naphthalene-d8	10.287	136	356771	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.151	164	263375	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.963	188	627050	20.000	ng/ul	0.00
79) Chrysene-d12	21.386	240	701395	20.000	ng/ul	0.00
88) Perylene-d12	24.562	264	858109	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.105	96	9304	3.546	ng/uL	0.00
4) Pyridine-d5	3.528	84	32885	4.875	ng/ul	0.01
7) Phenol-d5	6.763	99	35471	4.680	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	6.899	67	101056	21.135	ng/ul	0.00
11) 2-Chlorophenol-d4	7.093	132	94156	16.833	ng/ul	0.00
15) 4-Methylphenol-d8	8.263	113	65774	10.753	ng/ul	0.00
21) Nitrobenzene-d5	8.687	128	52275	19.622	ng/ul	0.00
24) 2-Nitrophenol-d4	9.410	143	32555	10.603	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	9.940	165	117539	18.138	ng/ul	0.00
31) 4-Chloroaniline-d4	10.451	131	119441	16.453	ng/ul	0.01
46) Dimethylphthalate-d6	13.575	166	465772	22.781	ng/ul	0.02
49) Acenaphthylene-d8	13.839	160	444887	20.629	ng/ul	0.00
54) 4-Nitrophenol-d4	14.486	143	28761	11.479	ng/ul	0.08
60) Fluorene-d10	15.163	176	387771	21.562	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.375	200	4468m	1.179	ng/ul	0.06
73) Anthracene-d10	17.069	188	664346	23.214	ng/ul	0.02
81) Pyrene-d10	19.445	212	887457	24.218	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.333	264	1101006	23.968	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.140	88	9901	3.411	ng/uL	93
5) Pyridine	3.546	79	32988	4.787	ng/ul	89
6) Benzaldehyde	6.722	77	58853m	13.584	ng/ul	
8) Phenol	6.793	94	43294m	5.487	ng/ul	
10) Bis(2-Chloroethyl)ether	6.987	93	124296	19.958	ng/ul	98
12) 2-Chlorophenol	7.128	128	98653	16.824	ng/ul	96
13) 2-Methylphenol	7.999	108	79260	13.546	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.052	45	155792	20.570	ng/ul	98
16) Acetophenone	8.363	105	197799	19.214	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.334	70	109657	19.549	ng/ul	98
18) 4-Methylphenol	8.334	108	73044	11.566	ng/ul	90
19) Hexachloroethane	8.587	117	44707	15.659	ng/ul	93
22) Nitrobenzene	8.734	77	166721	20.567	ng/ul	98
23) Isophorone	9.240	82	297607	20.727	ng/ul	98
25) 2-Nitrophenol	9.440	139	35392	10.791	ng/ul	98
26) 2,4-Dimethylphenol	9.498	107	117455	16.172	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.722	93	165390	20.388	ng/ul	97
29) 2,4-Dichlorophenol	9.969	162	115009	17.907	ng/ul	98
30) Naphthalene	10.340	128	350202	18.750	ng/ul	100
32) 4-Chloroaniline	10.475	127	44927	6.382	ng/ul	98
33) Hexachlorobutadiene	10.604	225	98516	17.292	ng/ul	97
34) Caprolactam	11.287	113	4632m	2.472	ng/ul	
35) 4-Chloro-3-methylphenol	11.610	107	124745	17.887	ng/ul	98
36) 2-Methylnaphthalene	11.951	142	266914	19.271	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.169	142	264361	18.731	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.328	216	194280	20.214	ng/ul	97
40) Hexachlorocyclopentadiene	12.292	237	65477	14.179	ng/ul	97
41) 2,4,6-Trichlorophenol	12.592	196	109593	19.268	ng/ul	96
42) 2,4,5-Trichlorophenol	12.675	196	115067	18.935	ng/ul	99
43) 1,1'-Biphenyl	12.975	154	386423	20.707	ng/ul	99
44) 2-Chloronaphthalene	13.016	162	311060	20.608	ng/ul	98
45) 2-Nitroaniline	13.251	65	105082	24.028	ng/ul	95
47) Dimethylphthalate	13.622	163	457278	22.705	ng/ul	98
48) 2,6-Dinitrotoluene	13.745	165	88397	22.906	ng/ul	98
50) Acenaphthylene	13.869	152	463409	21.100	ng/ul	99
51) 3-Nitroaniline	14.092	138	63062	19.497	ng/ul	96
52) Acenaphthene	14.228	153	337961	21.054	ng/ul	99
53) 2,4-Dinitrophenol	14.410	184	1160m	0.466	ng/ul	
55) 4-Nitrophenol	14.486	109	15259m	4.521	ng/ul	
56) Dibenzofuran	14.569	168	518389	21.264	ng/ul	99
57) 2,4-Dinitrotoluene	14.575	165	130920	21.053	ng/ul	87
58) 2,3,4,6-Tetrachlorophenol	14.804	232	109952	18.225	ng/ul	98
59) Diethylphthalate	15.004	149	448309	22.319	ng/ul	99
61) Fluorene	15.222	166	425898	21.456	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.222	204	241787	21.001	ng/ul	97
63) 4-Nitroaniline	15.286	138	71032	24.969	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.386	198	4847m	1.206	ng/ul	
67) N-Nitrosodiphenylamine	15.445	169	375422	23.445	ng/ul	99
68) 4-Bromophenyl-phenylether	16.133	248	168541	22.769	ng/ul	97
69) Hexachlorobenzene	16.251	284	199624	22.013	ng/ul	98
70) Atrazine	16.445	200	1327m	0.190	ng/ul	
71) Pentachlorophenol	16.628	266	82721	15.628	ng/ul	93
72) Phenanthrene	17.010	178	744337	22.961	ng/ul	100
74) Anthracene	17.110	178	744416	22.966	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	12.945	216	194069	21.471	ng/uL	99
76) Pentachlorobenzene	14.486	250	220310	22.113	ng/uL	97
77) Carbazole	17.398	167	660982	25.029	ng/ul	99
78) Di-n-butylphthalate	17.963	149	775837	23.910	ng/ul	100
80) Fluoranthene	19.104	202	982368	23.395	ng/ul	99
82) Pyrene	19.480	202	1061099	23.814	ng/ul	100
83) Butylbenzylphthalate	20.433	149	393688	25.510	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.292	252	376970	23.422	ng/ul#	99
85) Benzo(a)anthracene	21.368	228	1139627	24.230	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.292	149	566927	25.581	ng/ul#	100
87) Chrysene	21.433	228	1090176	24.187	ng/ul	100
89) Di-n-octyl phthalate	22.498	149	1014325	24.203	ng/ul	100
90) Benzo(b)fluoranthene	23.557	252	1261030	23.390	ng/ul	99
91) Benzo(k)fluoranthene	23.627	252	1261511	23.517	ng/ul	99
93) Benzo(a)pyrene	24.409	252	1169696	23.928	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.145	276	1502698m	23.921	ng/ul	
95) Dibenzo(a,h)anthracene	28.180	278	1187096	23.613	ng/ul	98
96) Benzo(g,h,i)perylene	29.245	276	1153655	23.986	ng/ul	99

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

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