Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090324\
Data File : BP021809.D
Acq On : 04 Sep 2024 06:37
Operator : RC/JU
Sample : P3733-11MSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44A3MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/07/2024

Quant Time: Sep 04 08:09:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 29 23:56:59 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	277794	20.000	ng/ul	0.00
20) Naphthalene-d8	10.563	136	1131553	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.422	164	712738	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.216	188	1498303	20.000	ng/ul	-0.01
79) Chrysene-d12	21.663	240	1431435	20.000	ng/ul	0.00
88) Perylene-d12	25.063	264	1630624	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	49445	5.909	ng/uL	0.00
4) Pyridine-d5	3.687	84	722506	29.853	ng/ul	0.00
7) Phenol-d5	6.952	99	961485	32.432	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.111	67	525782	32.589	ng/ul	0.00
11) 2-Chlorophenol-d4	7.316	132	641053	33.493	ng/ul	0.00
15) 4-Methylphenol-d8	8.481	113	735430	32.103	ng/ul	0.00
21) Nitrobenzene-d5	8.928	128	313777	34.467	ng/ul	0.00
24) 2-Nitrophenol-d4	9.646	143	322731	34.924	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.187	165	627604	34.464	ng/ul	0.00
31) 4-Chloroaniline-d4	10.693	131	829432	31.307	ng/ul	0.00
46) Dimethylphthalate-d6	13.822	166	1819780	33.368	ng/ul	-0.02
49) Acenaphthylene-d8	14.110	160	2083251	34.023	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.628	143	344309	33.184	ng/ul	0.00
60) Fluorene-d10	15.428	176	1550831	33.824	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.545	200	271057	32.892	ng/ul	-0.01
73) Anthracene-d10	17.316	188	2359707	33.185	ng/ul	-0.02
81) Pyrene-d10	19.686	212	2888521	35.300	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.833	264	3068276	35.288	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	126675	14.245	ng/uL	97
5) Pyridine	3.705	79	856010	35.395	ng/ul	100
6) Benzaldehyde	6.922	77	638059	42.078	ng/ul	98
8) Phenol	6.981	94	1148992	37.169	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.199	93	899024	37.415	ng/ul	99
12) 2-Chlorophenol	7.352	128	768162	38.238	ng/ul	99
13) 2-Methylphenol	8.216	108	826326	37.054	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.293	45	865407	37.315	ng/ul	98
16) Acetophenone	8.593	105	1352078	36.815	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.581	70	624686	36.043	ng/ul	98
18) 4-Methylphenol	8.546	108	905404	37.085	ng/ul	100
19) Hexachloroethane	8.858	117	341567	38.026	ng/ul	99
22) Nitrobenzene	8.969	77	997205	39.283	ng/ul	98
23) Isophorone	9.499	82	1860074	36.515	ng/ul	100
25) 2-Nitrophenol	9.675	139	410781	40.121	ng/ul	97
26) 2,4-Dimethylphenol	9.740	107	857479	34.123	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.969	93	1192805	37.338	ng/ul	98
29) 2,4-Dichlorophenol	10.216	162	709287	38.761	ng/ul	98
30) Naphthalene	10.616	128	2417874	37.913	ng/ul	100
32) 4-Chloroaniline	10.716	127	948054	35.445	ng/ul	100
33) Hexachlorobutadiene	10.904	225	463080	37.717	ng/ul	97
34) Caprolactam	11.504	113	299738	38.736	ng/ul	99
35) 4-Chloro-3-methylphenol	11.851	107	948098	39.146	ng/ul	98
36) 2-Methylnaphthalene	12.228	142	1604696	37.201	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.446	142	1602238	36.929	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.599	216	868890	38.679	ng/ul	99
40) Hexachlorocyclopentadiene	12.581	237	400078	31.038	ng/ul	99
41) 2,4,6-Trichlorophenol	12.840	196	571915	39.542	ng/ul	100
42) 2,4,5-Trichlorophenol	12.916	196	622543	39.862	ng/ul	99
43) 1,1'-Biphenyl	13.246	154	2089952	38.757	ng/ul	99
44) 2-Chloronaphthalene	13.287	162	1629796	38.547	ng/ul	99
45) 2-Nitroaniline	13.487	65	556739	42.033	ng/ul	95
47) Dimethylphthalate	13.869	163	2043828	37.427	ng/ul	99
48) 2,6-Dinitrotoluene	13.987	165	419938	41.697	ng/ul	97
50) Acenaphthylene	14.140	152	2534242	38.484	ng/ul	99
51) 3-Nitroaniline	14.316	138	441373	40.105	ng/ul	95
52) Acenaphthene	14.487	153	1779311	38.422	ng/ul	99
53) 2,4-Dinitrophenol	14.528	184	213262	35.370	ng/ul	95
55) 4-Nitrophenol	14.640	109	388338	40.876	ng/ul	96
56) Dibenzofuran	14.828	168	2435739	38.018	ng/ul	98
57) 2,4-Dinitrotoluene	14.787	165	620660	41.011	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.057	232	504530	37.497	ng/ul	97
59) Diethylphthalate	15.257	149	2072716	37.798	ng/ul	99
61) Fluorene	15.481	166	1967882	37.975	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.481	204	976172	37.489	ng/ul	99
63) 4-Nitroaniline	15.498	138	441493	41.507	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.557	198	353647	38.364	ng/ul	94
67) N-Nitrosodiphenylamine	15.692	169	1686464	38.262	ng/ul	99
68) 4-Bromophenyl-phenylether	16.387	248	629269	38.044	ng/ul	98
69) Hexachlorobenzene	16.504	284	718796	36.605	ng/ul	94
70) Atrazine	16.669	200	635406	38.004	ng/ul	99
71) Pentachlorophenol	16.863	266	454308	36.151	ng/ul	98
72) Phenanthrene	17.257	178	3174953	38.598	ng/ul	99
74) Anthracene	17.351	178	3132814	37.593	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.210	216	854857	38.376	ng/uL	98
76) Pentachlorobenzene	14.745	250	843398	36.528	ng/uL	99
77) Carbazole	17.628	167	2931213	39.108	ng/ul	99
78) Di-n-butylphthalate	18.228	149	3612647	39.598	ng/ul	100
80) Fluoranthene	19.339	202	3791336	39.705	ng/ul	100
82) Pyrene	19.716	202	3967732	39.234	ng/ul	99
83) Butylbenzylphthalate	20.663	149	1647416	39.787	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.557	252	1107085	30.690	ng/ul	99
85) Benzo(a)anthracene	21.639	228	3949746	38.790	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.580	149	2389880	39.105	ng/ul	99
87) Chrysene	21.710	228	3685897	38.463	ng/ul	100
89) Di-n-octyl phthalate	22.886	149	4037337	39.115	ng/ul	100
90) Benzo(b)fluoranthene	23.992	252	4037064	39.567	ng/ul	98
91) Benzo(k)fluoranthene	24.057	252	4020611	40.252	ng/ul	100
93) Benzo(a)pyrene	24.904	252	3729210	39.673	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.927	276	4760630m	39.279	ng/ul	
95) Dibenzo(a,h)anthracene	29.021	278	3820865	39.231	ng/ul	99
96) Benzo(g,h,i)perylene	30.115	276	3776807	40.331	ng/ul	99

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

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