Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112423\
Data File : BP018328.D
Acq On : 24 Nov 2023 15:36
Operator : MA/JU
Sample : 05268-23MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKB7MS

Quant Time: Nov 24 21:47:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 22 14:09:55 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	422702	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.669	136	1678756	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.504	164	933703	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.251	188	1577865	20.000	ng/ul	-0.01
79) Chrysene-d12	21.357	240	1208518	20.000	ng/ul	0.00
88) Perylene-d12	23.786	264	1539803	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	42208	3.740	ng/uL	0.00
4) Pyridine-d5	3.687	84	279222	9.003	ng/ul	0.00
7) Phenol-d5	7.028	99	214031	5.540	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.205	67	691332	29.927	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.399	132	695541	21.444	ng/ul	0.00
15) 4-Methylphenol-d8	8.581	113	414874	13.308	ng/ul	0.00
21) Nitrobenzene-d5	9.034	128	456228	33.459	ng/ul	0.00
24) 2-Nitrophenol-d4	9.751	143	411749	32.697	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.287	165	841754	27.706	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.804	131	1048241	25.582	ng/ul	-0.01
46) Dimethylphthalate-d6	13.922	166	2577706	31.026	ng/ul	-0.01
49) Acenaphthylene-d8	14.198	160	2989965	31.584	ng/ul	0.00
54) 4-Nitrophenol-d4	14.687	143	61336	5.348	ng/ul	-0.01
60) Fluorene-d10	15.498	176	2133140	30.697	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.610	200	234853	34.965	ng/ul	0.00
73) Anthracene-d10	17.351	188	2799812	33.198	ng/ul	-0.01
81) Pyrene-d10	19.592	212	2781038	28.914	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.627	264	3062636	34.307	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	50785	4.196	ng/uL	94
5) Pyridine	3.711	79	318825	10.202	ng/ul	96
6) Benzaldehyde	7.005	77	658099	32.192	ng/ul	99
8) Phenol	7.057	94	240512	6.347	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.299	93	1015193	32.162	ng/ul	99
12) 2-Chlorophenol	7.428	128	751591	23.097	ng/ul	99
13) 2-Methylphenol	8.310	108	519525	17.602	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.404	45	1348510	30.055	ng/ul	98
16) Acetophenone	8.699	105	1519043	31.843	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.687	70	732901	27.502	ng/ul	95
18) 4-Methylphenol	8.646	108	470080	14.914	ng/ul	97
19) Hexachloroethane	8.951	117	392477	28.882	ng/ul	99
22) Nitrobenzene	9.075	77	1068495	33.448	ng/ul	97
23) Isophorone	9.604	82	2123725	29.828	ng/ul	98
25) 2-Nitrophenol	9.787	139	490163	34.595	ng/ul	95
26) 2,4-Dimethylphenol	9.846	107	645768	20.300	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.093	93	1356743	31.552	ng/ul	100
29) 2,4-Dichlorophenol	10.316	162	858505	29.500	ng/ul	99
30) Naphthalene	10.722	128	3248934	31.999	ng/ul	100
32) 4-Chloroaniline	10.834	127	968974	25.060	ng/ul	99
33) Hexachlorobutadiene	11.010	225	647297	32.612	ng/ul	100
34) Caprolactam	11.598	113	27754	3.309	ng/ul	92
35) 4-Chloro-3-methylphenol	11.951	107	739830	23.777	ng/ul	96
36) 2-Methylnaphthalene	12.334	142	2214602	30.819	ng/ul	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.551	142	2180428	30.145	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.698	216	1216541	36.891	ng/ul	98
40)	Hexachlorocyclopentadiene	12.681	237	551375	29.522	ng/ul	100
41)	2,4,6-Trichlorophenol	12.934	196	712253	35.965	ng/ul	98
42)	2,4,5-Trichlorophenol	12.998	196	753629	35.192	ng/ul	99
43)	1,1'-Biphenyl	13.345	154	2869154	35.268	ng/ul	99
44)	2-Chloronaphthalene	13.381	162	2280802	35.423	ng/ul	99
45)	2-Nitroaniline	13.581	65	501319	36.185	ng/ul	95
47)	Dimethylphthalate	13.969	163	2716947	33.423	ng/ul	99
48)	2,6-Dinitrotoluene	14.081	165	511510	37.323	ng/ul	94
50)	Acenaphthylene	14.228	152	3580655	33.933	ng/ul	99
51)	3-Nitroaniline	14.404	138	426433	31.316	ng/ul#	97
52)	Acenaphthene	14.569	153	2335156	33.876	ng/ul	100
53)	2,4-Dinitrophenol	14.610	184	153932	32.194	ng/ul	99
55)	4-Nitrophenol	14.704	109	50351	5.926	ng/ul	96
56)	Dibenzofuran	14.904	168	3173092	33.670	ng/ul	99
57)	2,4-Dinitrotoluene	14.863	165	640964	34.608	ng/ul	95
58)	2,3,4,6-Tetrachlorophenol	15.122	232	565724	33.638	ng/ul	98
59)	Diethylphthalate	15.334	149	2515580	30.806	ng/ul	100
61)	Fluorene	15.551	166	2476631	32.226	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.551	204	1290133	33.059	ng/ul	99
63)	4-Nitroaniline	15.569	138	406014	31.593	ng/ul	97
66)	4,6-Dinitro-2-methylph...	15.622	198	280757	37.688	ng/ul	99
67)	N-Nitrosodiphenylamine	15.763	169	2058456	38.471	ng/ul	100
68)	4-Bromophenyl-phenylether	16.445	248	755611	37.929	ng/ul	99
69)	Hexachlorobenzene	16.551	284	854617	38.373	ng/ul	96
70)	Atrazine	16.722	200	547509	33.518	ng/ul	98
71)	Pentachlorophenol	16.898	266	417234	36.461	ng/ul	100
72)	Phenanthrene	17.292	178	3479022	36.249	ng/ul	100
74)	Anthracene	17.386	178	3459943	35.715	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.304	216	1212610	44.710	ng/uL	98
76)	Pentachlorobenzene	14.816	250	1129529	42.874	ng/uL	98
77)	Carbazole	17.657	167	2887716	36.793	ng/ul	99
78)	Di-n-butylphthalate	18.222	149	3422047	31.346	ng/ul	100
80)	Fluoranthene	19.263	202	3503316	30.489	ng/ul	100
82)	Pyrene	19.622	202	3574757	30.895	ng/ul	98
83)	Butylbenzylphthalate	20.516	149	1258904	29.401	ng/ul	96
84)	3,3'-Dichlorobenzidine	21.280	252	976316	33.402	ng/ul	98
85)	Benzo(a)anthracene	21.339	228	3539613	35.938	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.292	149	1951850	30.383	ng/ul	100
87)	Chrysene	21.398	228	3317010	37.010	ng/ul	99
89)	Di-n-octyl phthalate	22.245	149	3371421	29.740	ng/ul	100
90)	Benzo(b)fluoranthene	23.045	252	3898941	34.861	ng/ul	99
91)	Benzo(k)fluoranthene	23.092	252	3878163	34.832	ng/ul	100
93)	Benzo(a)pyrene	23.680	252	3745877	36.419	ng/ul	100
94)	Indeno(1,2,3-cd)pyrene	26.356	276	4901541	41.213	ng/ul	99
95)	Dibenzo(a,h)anthracene	26.392	278	4071807	41.820	ng/ul	99
96)	Benzo(g,h,i)perylene	27.139	276	4008723	41.619	ng/ul	99

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

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