Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092523\
Data File : BP017314.D
Acq On : 25 Sep 2023 11:11
Operator : MA/JU
Sample : 04429-13MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BBKK1MS

Quant Time: Sep 25 12:38:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 21 23:51:07 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	154021	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.751	136	620399	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.592	164	371564	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.363	188	818142	20.000	ng/ul	0.00
79) Chrysene-d12	21.469	240	782719	20.000	ng/ul	0.00
88) Perylene-d12	23.986	264	869668	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	19158	5.109	ng/uL	0.00
4) Pyridine-d5	3.734	84	167924	16.019	ng/ul	0.00
7) Phenol-d5	7.087	99	156031	12.335	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.269	67	251694	32.970	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.452	132	287300	28.636	ng/ul	-0.01
15) 4-Methylphenol-d8	8.646	113	208533	21.204	ng/ul	-0.01
21) Nitrobenzene-d5	9.128	128	160831	35.859	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.840	143	175055	35.946	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.369	165	328472	35.700	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.916	131	315687	23.686	ng/ul	-0.01
46) Dimethylphthalate-d6	14.004	166	996175	37.425	ng/ul	-0.01
49) Acenaphthylene-d8	14.292	160	1134876	37.071	ng/ul	0.00
54) 4-Nitrophenol-d4	14.834	143	62650	13.510	ng/ul	0.00
60) Fluorene-d10	15.587	176	863094	37.664	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.722	200	159448	34.578	ng/ul	0.00
73) Anthracene-d10	17.463	188	1388554	38.268	ng/ul	0.00
81) Pyrene-d10	19.704	212	1663823	39.308	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.816	264	1641887	39.212	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	21378	5.567	ng/uL	95
5) Pyridine	3.758	79	112836	10.368	ng/ul	98
6) Benzaldehyde	7.087	77	214203	33.182	ng/ul	98
8) Phenol	7.116	94	95884	7.536	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.369	93	302271	29.391	ng/ul	98
12) 2-Chlorophenol	7.487	128	245062	24.053	ng/ul	98
13) 2-Methylphenol	8.375	108	180528	19.175	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.440	45	218233	16.778	ng/ul	99
16) Acetophenone	8.781	105	466561	30.700	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.746	70	226555	29.871	ng/ul	99
18) 4-Methylphenol	8.710	108	171938	17.045	ng/ul	100
19) Hexachloroethane	8.993	117	118982	28.131	ng/ul	98
22) Nitrobenzene	9.175	77	359211	31.563	ng/ul	98
23) Isophorone	9.681	82	632115	30.996	ng/ul	99
25) 2-Nitrophenol	9.875	139	161908	30.681	ng/ul	99
26) 2,4-Dimethylphenol	9.916	107	292320	27.801	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.169	93	395246	30.023	ng/ul	98
29) 2,4-Dichlorophenol	10.399	162	279450	30.805	ng/ul	99
30) Naphthalene	10.804	128	960966	29.748	ng/ul	100
32) 4-Chloroaniline	10.946	127	260140	20.368	ng/ul	100
33) Hexachlorobutadiene	11.028	225	188107	29.795	ng/ul	96
34) Caprolactam	11.804	113	44661	17.039	ng/ul	80
35) 4-Chloro-3-methylphenol	12.051	107	278633	30.558	ng/ul	99
36) 2-Methylnaphthalene	12.410	142	649126	30.788	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.634	142	644069	29.883	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.763	216	363334	30.470	ng/ul	99
40) Hexachlorocyclopentadiene	12.704	237	130156	19.287	ng/ul	94
41) 2,4,6-Trichlorophenol	13.022	196	241962	33.452	ng/ul	98
42) 2,4,5-Trichlorophenol	13.093	196	260672	34.399	ng/ul	100
43) 1,1'-Biphenyl	13.422	154	895776	31.775	ng/ul	99
44) 2-Chloronaphthalene	13.469	162	697084	31.190	ng/ul	99
45) 2-Nitroaniline	13.710	65	204074	37.170	ng/ul	97
47) Dimethylphthalate	14.051	163	911431	33.992	ng/ul	99
48) 2,6-Dinitrotoluene	14.198	165	177089	38.025	ng/ul	98
50) Acenaphthylene	14.322	152	1132775	31.644	ng/ul	99
51) 3-Nitroaniline	14.540	138	135739	27.084	ng/ul	98
52) Acenaphthene	14.657	153	749304	31.694	ng/ul	99
53) 2,4-Dinitrophenol	14.740	184	77000	26.431	ng/ul	98
55) 4-Nitrophenol	14.851	109	29616	8.175	ng/ul	88
56) Dibenzofuran	14.992	168	1051159	32.467	ng/ul	100
57) 2,4-Dinitrotoluene	14.987	165	261072	38.057	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.216	232	233093	36.251	ng/ul	93
59) Diethylphthalate	15.410	149	915840	35.332	ng/ul	99
61) Fluorene	15.645	166	874749	33.254	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.634	204	439956	33.001	ng/ul	99
63) 4-Nitroaniline	15.716	138	145956	32.630	ng/ul	88
66) 4,6-Dinitro-2-methylph...	15.734	198	151158	30.387	ng/ul	92
67) N-Nitrosodiphenylamine	15.863	169	745932	33.147	ng/ul	99
68) 4-Bromophenyl-phenylether	16.539	248	276281	33.614	ng/ul	99
69) Hexachlorobenzene	16.622	284	310930	32.601	ng/ul	97
70) Atrazine	16.828	200	254044	31.509	ng/ul	99
71) Pentachlorophenol	16.992	266	208542	35.397	ng/ul	98
72) Phenanthrene	17.404	178	1403865	32.761	ng/ul	99
74) Anthracene	17.498	178	1431847	32.970	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.375	216	358319	28.537	ng/uL	98
76) Pentachlorobenzene	14.881	250	336155	28.340	ng/uL	99
77) Carbazole	17.786	167	1334390	34.544	ng/ul	98
78) Di-n-butylphthalate	18.292	149	1650313	38.852	ng/ul	100
80) Fluoranthene	19.375	202	1709414	34.629	ng/ul	100
82) Pyrene	19.733	202	1781695	33.952	ng/ul	100
83) Butylbenzylphthalate	20.592	149	762877	41.001	ng/ul	97
85) Benzo(a)anthracene	21.451	228	1793194	33.945	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.327	149	1104702	41.111	ng/ul	98
87) Chrysene	21.504	228	1674694	33.685	ng/ul	99
89) Di-n-octyl phthalate	22.286	149	1887025	39.446	ng/ul	100
90) Benzo(b)fluoranthene	23.204	252	1771952	34.558	ng/ul	100
91) Benzo(k)fluoranthene	23.251	252	1752035	33.869	ng/ul	99
93) Benzo(a)pyrene	23.868	252	1629957	33.225	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.645	276	2039226	33.163	ng/ul	97
95) Dibenzo(a,h)anthracene	26.674	278	1702619	33.244	ng/ul	98
96) Benzo(g,h,i)perylene	27.480	276	1624371	32.757	ng/ul	99

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

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