Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112423\
Data File : BP018329.D
Acq On : 24 Nov 2023 16:10
Operator : MA/JU
Sample : 05268-24MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKB7MSD

Quant Time: Nov 24 21:48:28 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	396655	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.669	136	1657617	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.504	164	1011199	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.251	188	1946368	20.000	ng/ul	-0.01
79) Chrysene-d12	21.357	240	1185498	20.000	ng/ul	0.00
88) Perylene-d12	23.786	264	1271915	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	41021	3.873	ng/uL	0.00
4) Pyridine-d5	3.687	84	292253	10.042	ng/ul	0.00
7) Phenol-d5	7.028	99	232894	6.425	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.205	67	741603	34.212	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.399	132	756958	24.870	ng/ul	0.00
15) 4-Methylphenol-d8	8.581	113	464878	15.891	ng/ul	0.00
21) Nitrobenzene-d5	9.034	128	510423	37.911	ng/ul	0.00
24) 2-Nitrophenol-d4	9.752	143	481906	38.756	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.287	165	965970	32.200	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.810	131	1229515	30.388	ng/ul	0.00
46) Dimethylphthalate-d6	13.922	166	3363958	37.387	ng/ul	-0.01
49) Acenaphthylene-d8	14.198	160	3671970	35.816	ng/ul	0.00
54) 4-Nitrophenol-d4	14.687	143	85021	6.845	ng/ul	-0.01
60) Fluorene-d10	15.498	176	2740599	36.416	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.610	200	366979	44.291	ng/ul	0.00
73) Anthracene-d10	17.351	188	3905352	37.540	ng/ul	-0.01
81) Pyrene-d10	19.592	212	3834260	40.638	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.627	264	2944253	39.927	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	51772	4.559	ng/uL#	91
5) Pyridine	3.711	79	334122	11.394	ng/ul	98
6) Benzaldehyde	7.005	77	704521	36.726	ng/ul	99
8) Phenol	7.058	94	260784	7.334	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.299	93	1092530	36.885	ng/ul	98
12) 2-Chlorophenol	7.428	128	811122	26.564	ng/ul	99
13) 2-Methylphenol	8.311	108	574594	20.746	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.405	45	1446298	34.351	ng/ul	98
16) Acetophenone	8.699	105	1682239	37.580	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.687	70	814521	32.572	ng/ul	95
18) 4-Methylphenol	8.646	108	526122	17.788	ng/ul	97
19) Hexachloroethane	8.952	117	419977	32.935	ng/ul	99
22) Nitrobenzene	9.075	77	1179826	37.404	ng/ul	97
23) Isophorone	9.605	82	2431422	34.585	ng/ul	98
25) 2-Nitrophenol	9.787	139	563784	40.299	ng/ul	94
26) 2,4-Dimethylphenol	9.846	107	736200	23.438	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.093	93	1533531	36.119	ng/ul	99
29) 2,4-Dichlorophenol	10.316	162	988061	34.385	ng/ul	98
30) Naphthalene	10.722	128	3620899	36.117	ng/ul	100
32) 4-Chloroaniline	10.834	127	1130661	29.614	ng/ul	100
33) Hexachlorobutadiene	11.010	225	732007	37.350	ng/ul	100
34) Caprolactam	11.605	113	38351	4.631	ng/ul	97
35) 4-Chloro-3-methylphenol	11.952	107	895150	29.136	ng/ul	96
36) 2-Methylnaphthalene	12.334	142	2578302	36.338	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.552	142	2529483	35.417	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.699	216	1441854	40.373	ng/ul	98
40) Hexachlorocyclopentadiene	12.681	237	638173	31.550	ng/ul	100
41) 2,4,6-Trichlorophenol	12.934	196	878247	40.948	ng/ul	98
42) 2,4,5-Trichlorophenol	13.004	196	942451	40.637	ng/ul	99
43) 1,1'-Biphenyl	13.346	154	3398782	38.577	ng/ul	99
44) 2-Chloronaphthalene	13.381	162	2706175	38.808	ng/ul	99
45) 2-Nitroaniline	13.587	65	647100	43.128	ng/ul	90
47) Dimethylphthalate	13.969	163	3514331	39.918	ng/ul	99
48) 2,6-Dinitrotoluene	14.087	165	691192	46.568	ng/ul	89
50) Acenaphthylene	14.228	152	4335362	37.936	ng/ul	99
51) 3-Nitroaniline	14.410	138	576462	39.089	ng/ul#	93
52) Acenaphthene	14.569	153	2866815	38.401	ng/ul	99
53) 2,4-Dinitrophenol	14.610	184	232471	44.893	ng/ul	99
55) 4-Nitrophenol	14.704	109	67348	7.318	ng/ul	97
56) Dibenzofuran	14.904	168	3936996	38.575	ng/ul	99
57) 2,4-Dinitrotoluene	14.863	165	933468	46.539	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.122	232	778476	42.741	ng/ul	99
59) Diethylphthalate	15.334	149	3439090	38.887	ng/ul	100
61) Fluorene	15.551	166	3123715	37.531	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.551	204	1656350	39.190	ng/ul	98
63) 4-Nitroaniline	15.569	138	563020	40.453	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.628	198	436320	47.481	ng/ul	98
67) N-Nitrosodiphenylamine	15.763	169	2705008	40.983	ng/ul	99
68) 4-Bromophenyl-phenylether	16.445	248	1023888	41.665	ng/ul	97
69) Hexachlorobenzene	16.551	284	1186942	43.205	ng/ul	95
70) Atrazine	16.722	200	839079	41.642	ng/ul	98
71) Pentachlorophenol	16.898	266	623609	44.178	ng/ul	98
72) Phenanthrene	17.298	178	4812726	40.652	ng/ul	99
74) Anthracene	17.387	178	4790655	40.089	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.304	216	1454863	43.486	ng/uL	98
76) Pentachlorobenzene	14.822	250	1445278	44.472	ng/uL	99
77) Carbazole	17.657	167	4105660	42.407	ng/ul	99
78) Di-n-butylphthalate	18.222	149	5230447	38.840	ng/ul	100
80) Fluoranthene	19.263	202	4914734	43.603	ng/ul	100
82) Pyrene	19.622	202	4883585	43.027	ng/ul	98
83) Butylbenzylphthalate	20.510	149	1685429	40.126	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.280	252	1080550	37.685	ng/ul	99
85) Benzo(a)anthracene	21.339	228	3994595	41.345	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.292	149	2381757	37.794	ng/ul	100
87) Chrysene	21.398	228	3676266	41.815	ng/ul	100
89) Di-n-octyl phthalate	22.245	149	3513226	37.519	ng/ul	100
90) Benzo(b)fluoranthene	23.045	252	3785253	40.972	ng/ul	99
91) Benzo(k)fluoranthene	23.092	252	3716292	40.408	ng/ul	100
93) Benzo(a)pyrene	23.680	252	3614097	42.538	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.357	276	4751117	48.362	ng/ul	99
95) Dibenzo(a,h)anthracene	26.392	278	3930231	48.868	ng/ul	98
96) Benzo(g,h,i)perylene	27.139	276	3909404	49.137	ng/ul	99

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

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