Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071024\
Data File : BP020886.D
Acq On : 10 Jul 2024 18:52
Operator : MA/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Jul 10 22:53:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 10 18:38:19 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	188217	20.000	ng/ul	0.00
20) Naphthalene-d8	10.487	136	827818	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.357	164	574847	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.169	188	1198300	20.000	ng/ul	-0.01
79) Chrysene-d12	21.627	240	857518	20.000	ng/ul	0.00
88) Perylene-d12	24.980	264	862339	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	33628	8.130	ng/uL	0.00
4) Pyridine-d5	3.670	84	247778	20.692	ng/ul	0.00
7) Phenol-d5	6.911	99	318626	20.764	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.063	67	215388	23.162	ng/ul	0.00
11) 2-Chlorophenol-d4	7.263	132	264918	20.954	ng/ul	0.00
15) 4-Methylphenol-d8	8.428	113	270912	21.257	ng/ul	0.00
21) Nitrobenzene-d5	8.869	128	135061	21.006	ng/ul	0.00
24) 2-Nitrophenol-d4	9.587	143	156156	21.219	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.122	165	281814	21.178	ng/ul	0.00
31) 4-Chloroaniline-d4	10.628	131	378089	21.447	ng/ul	-0.01
46) Dimethylphthalate-d6	13.757	166	888892	21.271	ng/ul	-0.01
49) Acenaphthylene-d8	14.051	160	980853	20.904	ng/ul	0.00
54) 4-Nitrophenol-d4	14.604	143	130185	21.896	ng/ul	0.00
60) Fluorene-d10	15.369	176	733983	21.410	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.516	200	148570	20.491	ng/ul	0.00
73) Anthracene-d10	17.269	188	1118993	21.025	ng/ul	0.00
81) Pyrene-d10	19.657	212	1225506	23.116	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.745	264	925285	21.756	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	35655	7.838	ng/uL	99
5) Pyridine	3.687	79	234347	18.974	ng/ul	98
6) Benzaldehyde	6.881	77	186995	24.172	ng/ul	99
8) Phenol	6.940	94	320749	20.657	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.158	93	260227	20.287	ng/ul	98
12) 2-Chlorophenol	7.293	128	267177	21.085	ng/ul	99
13) 2-Methylphenol	8.163	108	248643	20.706	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.228	45	384628	20.755	ng/ul	97
16) Acetophenone	8.540	105	437118	22.223	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.516	70	218294	21.180	ng/ul	99
18) 4-Methylphenol	8.487	108	272862	21.210	ng/ul	92
19) Hexachloroethane	8.775	117	115775	20.332	ng/ul	96
22) Nitrobenzene	8.910	77	308663	20.040	ng/ul	100
23) Isophorone	9.434	82	608172	19.862	ng/ul	100
25) 2-Nitrophenol	9.616	139	161323	21.019	ng/ul	97
26) 2,4-Dimethylphenol	9.681	107	280917	18.561	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.904	93	369308	19.842	ng/ul	98
29) 2,4-Dichlorophenol	10.146	162	268911	20.505	ng/ul	99
30) Naphthalene	10.540	128	878802	20.182	ng/ul	100
32) 4-Chloroaniline	10.657	127	367498	21.831	ng/ul	99
33) Hexachlorobutadiene	10.810	225	200885	20.429	ng/ul	99
34) Caprolactam	11.469	113	91968	22.764	ng/ul	98
35) 4-Chloro-3-methylphenol	11.799	107	310028	21.748	ng/ul	98
36) 2-Methylnaphthalene	12.157	142	639101	21.382	ng/ul	98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.369	142	594175	19.328	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.528	216	376356	20.160	ng/ul	98
40)	Hexachlorocyclopentadiene	12.493	237	159566	16.339	ng/ul	99
41)	2,4,6-Trichlorophenol	12.775	196	240368	20.376	ng/ul	99
42)	2,4,5-Trichlorophenol	12.857	196	250476	20.069	ng/ul	97
43)	1,1'-Biphenyl	13.181	154	849318	20.217	ng/ul	100
44)	2-Chloronaphthalene	13.222	162	653462	19.484	ng/ul	99
45)	2-Nitroaniline	13.440	65	194919	21.016	ng/ul	99
47)	Dimethylphthalate	13.810	163	863910	20.375	ng/ul	100
48)	2,6-Dinitrotoluene	13.945	165	187648	22.136	ng/ul	100
50)	Acenaphthylene	14.075	152	1039340	19.563	ng/ul	99
51)	3-Nitroaniline	14.281	138	180530	24.473	ng/ul	96
52)	Acenaphthene	14.422	153	712452	20.205	ng/ul	99
53)	2,4-Dinitrophenol	14.498	184	91192	20.484	ng/ul	98
55)	4-Nitrophenol	14.616	109	101306	20.946	ng/ul	95
56)	Dibenzofuran	14.763	168	1000651	20.723	ng/ul	98
57)	2,4-Dinitrotoluene	14.751	165	252534	21.701	ng/ul	97
58)	2,3,4,6-Tetrachlorophenol	14.998	232	233265	21.825	ng/ul	98
59)	Diethylphthalate	15.204	149	866787	20.455	ng/ul	99
61)	Fluorene	15.428	166	808727	20.524	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.422	204	424920	19.873	ng/ul	100
63)	4-Nitroaniline	15.463	138	165060	27.019	ng/ul	99
66)	4,6-Dinitro-2-methylph...	15.528	198	155989	20.288	ng/ul	100
67)	N-Nitrosodiphenylamine	15.645	169	705474	20.217	ng/ul	100
68)	4-Bromophenyl-phenylether	16.339	248	269556	19.192	ng/ul	99
69)	Hexachlorobenzene	16.445	284	313602	19.473	ng/ul	99
70)	Atrazine	16.634	200	269830	21.217	ng/ul	100
71)	Pentachlorophenol	16.810	266	172058	19.671	ng/ul	98
72)	Phenanthrene	17.210	178	1246027	20.045	ng/ul	100
74)	Anthracene	17.304	178	1275111	20.121	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.128	216	366256	19.096	ng/uL	99
76)	Pentachlorobenzene	14.681	250	358555	18.814	ng/uL	99
77)	Carbazole	17.598	167	1106209	21.353	ng/ul	100
78)	Di-n-butylphthalate	18.175	149	1447554	20.253	ng/ul	100
80)	Fluoranthene	19.316	202	1407192	21.979	ng/ul	99
82)	Pyrene	19.692	202	1406383	21.587	ng/ul	99
83)	Butylbenzylphthalate	20.633	149	569326	20.974	ng/ul	99
84)	3,3'-Dichlorobenzidine	21.527	252	416430	21.252	ng/ul	99
85)	Benzo(a)anthracene	21.610	228	1195161	19.896	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.527	149	768405	19.671	ng/ul	99
87)	Chrysene	21.674	228	1119383	20.054	ng/ul	100
89)	Di-n-octyl phthalate	22.804	149	1206874	21.186	ng/ul	100
90)	Benzo(b)fluoranthene	23.916	252	1054197	20.145	ng/ul	98
91)	Benzo(k)fluoranthene	23.980	252	1041931	19.951	ng/ul	99
93)	Benzo(a)pyrene	24.821	252	1011081	20.446	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	28.798	276	1319515	20.707	ng/ul	99
95)	Dibenzo(a,h)anthracene	28.868	278	1086521m	20.590	ng/ul	
96)	Benzo(g,h,i)perylene	29.968	276	1011821m	19.497	ng/ul	

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

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