Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
Data File : BP014760.D
Acq On : 20 Apr 2023 17:24
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020681

Quant Time: Apr 20 23:34:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 20 02:32:50 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.152	152	195407	20.000	ng/ul	0.00
20) Naphthalene-d8	10.981	136	813379	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.781	164	493286	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.534	188	1073736	20.000	ng/ul	0.00
79) Chrysene-d12	21.604	240	1073742	20.000	ng/ul	0.00
88) Perylene-d12	24.180	264	1143615	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.487	96	42508	8.646	ng/uL	0.00
4) Pyridine-d5	3.917	84	302246	22.579	ng/ul	0.00
7) Phenol-d5	7.287	99	352238	20.849	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.469	67	217626	20.879	ng/ul	0.00
11) 2-Chlorophenol-d4	7.675	132	273997	21.837	ng/ul	0.00
15) 4-Methylphenol-d8	8.852	113	274586	20.848	ng/ul	0.00
21) Nitrobenzene-d5	9.322	128	118542	23.258	ng/ul	0.00
24) 2-Nitrophenol-d4	10.052	143	114460	24.864	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.587	165	270523	21.643	ng/ul	0.00
31) 4-Chloroaniline-d4	11.110	131	390283	20.458	ng/ul	0.00
46) Dimethylphthalate-d6	14.181	166	825158	21.126	ng/ul	0.00
49) Acenaphthylene-d8	14.475	160	962704	21.268	ng/ul	0.00
54) 4-Nitrophenol-d4	14.951	143	133923	21.556	ng/ul	0.00
60) Fluorene-d10	15.769	176	710465	21.198	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	91962	21.164	ng/ul	0.00
73) Anthracene-d10	17.628	188	1103556	21.275	ng/ul	0.00
81) Pyrene-d10	19.845	212	1291932	21.004	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.010	264	1270937	21.442	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.523	88	46174	8.696	ng/uL	95
5) Pyridine	3.934	79	302630	22.534	ng/ul	97
6) Benzaldehyde	7.275	77	207894	24.877	ng/ul	97
8) Phenol	7.316	94	368326	20.886	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.563	93	301801	21.107	ng/ul	98
12) 2-Chlorophenol	7.705	128	290985	22.177	ng/ul	100
13) 2-Methylphenol	8.587	108	273677	20.735	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.687	45	375078	20.545	ng/ul	98
16) Acetophenone	8.981	105	468254	21.373	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.963	70	219985	20.644	ng/ul#	98
18) 4-Methylphenol	8.910	108	300080	20.923	ng/ul	95
19) Hexachloroethane	9.252	117	119538	21.628	ng/ul	95
22) Nitrobenzene	9.363	77	317955	22.959	ng/ul	99
23) Isophorone	9.893	82	621977	19.890	ng/ul	99
25) 2-Nitrophenol	10.081	139	135722	24.822	ng/ul	98
26) 2,4-Dimethylphenol	10.128	107	329092	21.586	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.375	93	398567	20.572	ng/ul	99
29) 2,4-Dichlorophenol	10.616	162	275282	21.820	ng/ul	97
30) Naphthalene	11.028	128	965981	21.191	ng/ul	100
32) 4-Chloroaniline	11.134	127	402479	20.825	ng/ul	98
33) Hexachlorobutadiene	11.316	225	190119	21.305	ng/ul	97
34) Caprolactam	11.887	113	76105	19.922	ng/ul	96
35) 4-Chloro-3-methylphenol	12.234	107	272910	20.699	ng/ul	97
36) 2-Methylnaphthalene	12.622	142	628791	20.662	ng/ul	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.840	142	628123	20.820	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	12.987	216	359796	21.674	ng/ul	99
40)	Hexachlorocyclopentadiene	12.963	237	200702	21.368	ng/ul	99
41)	2,4,6-Trichlorophenol	13.216	196	209620	22.294	ng/ul	99
42)	2,4,5-Trichlorophenol	13.281	196	233212	22.927	ng/ul	98
43)	1,1'-Biphenyl	13.616	154	857834	21.446	ng/ul	99
44)	2-Chloronaphthalene	13.663	162	682133	21.825	ng/ul	99
45)	2-Nitroaniline	13.857	65	141939	23.990	ng/ul	99
47)	Dimethylphthalate	14.228	163	828059	21.047	ng/ul	100
48)	2,6-Dinitrotoluene	14.345	165	129878	24.202	ng/ul	95
50)	Acenaphthylene	14.504	152	1043373	21.268	ng/ul	99
51)	3-Nitroaniline	14.675	138	140568	23.030	ng/ul	98
52)	Acenaphthene	14.845	153	717338	21.446	ng/ul	99
53)	2,4-Dinitrophenol	14.875	184	53743	20.698	ng/ul	99
55)	4-Nitrophenol	14.963	109	114714	22.509	ng/ul	97
56)	Dibenzofuran	15.175	168	1007630	21.404	ng/ul	98
57)	2,4-Dinitrotoluene	15.128	165	194213	24.666	ng/ul	98
58)	2,3,4,6-Tetrachlorophenol	15.398	232	191762	22.201	ng/ul	98
59)	Diethylphthalate	15.587	149	808026	21.166	ng/ul	99
61)	Fluorene	15.828	166	837556	21.795	ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.816	204	421938	21.473	ng/ul	98
63)	4-Nitroaniline	15.834	138	146733	24.052	ng/ul	98
66)	4,6-Dinitro-2-methylph...	15.887	198	99096	21.422	ng/ul	95
67)	N-Nitrosodiphenylamine	16.028	169	692056	21.629	ng/ul	99
68)	4-Bromophenyl-phenylether	16.716	248	257094	21.365	ng/ul	99
69)	Hexachlorobenzene	16.834	284	295327	21.152	ng/ul	98
70)	Atrazine	16.975	200	236738	20.832	ng/ul	98
71)	Pentachlorophenol	17.175	266	152477	20.062	ng/ul	97
72)	Phenanthrene	17.575	178	1283014	21.202	ng/ul	99
74)	Anthracene	17.663	178	1323845	21.579	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.587	216	364129	21.717	ng/uL	98
76)	Pentachlorobenzene	15.098	250	353310	21.364	ng/uL	100
77)	Carbazole	17.922	167	1158353	21.508	ng/ul	99
78)	Di-n-butylphthalate	18.463	149	1302878	21.308	ng/ul	99
80)	Fluoranthene	19.522	202	1503468	21.009	ng/ul	98
82)	Pyrene	19.875	202	1597762	21.099	ng/ul	100
83)	Butylbenzylphthalate	20.727	149	461538	22.325	ng/ul	98
84)	3,3'-Dichlorobenzidine	21.510	252	515546	21.446	ng/ul	99
85)	Benzo(a)anthracene	21.586	228	1596470	21.390	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.492	149	749989	21.505	ng/ul	99
87)	Chrysene	21.645	228	1517695	21.480	ng/ul	99
89)	Di-n-octyl phthalate	22.480	149	1215257	19.640	ng/ul	100
90)	Benzo(b)fluoranthene	23.386	252	1580122	21.211	ng/ul	99
91)	Benzo(k)fluoranthene	23.439	252	1630440	21.884	ng/ul	99
93)	Benzo(a)pyrene	24.063	252	1434010	21.674	ng/ul	100
94)	Indeno(1,2,3-cd)pyrene	26.898	276	1871224	21.730	ng/ul	99
95)	Dibenzo(a,h)anthracene	26.915	278	1568796	21.754	ng/ul	100
96)	Benzo(g,h,i)perylene	27.733	276	1482420	21.524	ng/ul	99

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

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