Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081423\
Data File : BP016554.D
Acq On : 14 Aug 2023 11:01
Operator : MA/JU
Sample : SSTD01026
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD010625

Quant Time: Aug 14 17:38:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 14 15:11:15 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	180744	20.000	ng/ul	0.00
20) Naphthalene-d8	10.893	136	868955	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.710	164	548960	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.475	188	1257174	20.000	ng/ul	0.00
79) Chrysene-d12	21.568	240	1336279	20.000	ng/ul	0.00
88) Perylene-d12	24.157	264	1559069	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	18415	3.871	ng/uL	0.00
4) Pyridine-d5	3.834	84	131401	9.080	ng/ul	0.00
7) Phenol-d5	7.199	99	145941	8.758	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.393	67	108317	9.869	ng/ul	0.00
11) 2-Chlorophenol-d4	7.575	132	107730	9.001	ng/ul	0.00
15) 4-Methylphenol-d8	8.757	113	118739	8.962	ng/ul	0.00
21) Nitrobenzene-d5	9.257	128	52782	8.633	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	46238	7.962	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.498	165	98684	8.635	ng/ul	0.00
31) 4-Chloroaniline-d4	11.045	131	182465	9.305	ng/ul	0.00
46) Dimethylphthalate-d6	14.122	166	372744	9.388	ng/ul	0.00
49) Acenaphthylene-d8	14.410	160	409125	9.129	ng/ul	0.00
54) 4-Nitrophenol-d4	14.904	143	62739	7.756	ng/ul	0.00
60) Fluorene-d10	15.704	176	324408	9.584	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.816	200	37466	6.264	ng/ul	0.00
73) Anthracene-d10	17.575	188	515860	9.486	ng/ul	0.00
81) Pyrene-d10	19.804	212	630555	9.006	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.986	264	676454	9.054	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.434	88	19857	3.797	ng/uL	98
5) Pyridine	3.852	79	140755	9.374	ng/ul	96
6) Benzaldehyde	7.210	77	111211	12.107	ng/ul	98
8) Phenol	7.222	94	164291	9.225	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.493	93	139413	9.691	ng/ul	99
12) 2-Chlorophenol	7.610	128	118245	9.390	ng/ul	100
13) 2-Methylphenol	8.493	108	113320	8.760	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.575	45	198759	9.914	ng/ul	97
16) Acetophenone	8.904	105	214190	10.011	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.875	70	109081	9.506	ng/ul	99
18) 4-Methylphenol	8.822	108	130503	9.179	ng/ul	96
19) Hexachloroethane	9.134	117	48834	9.282	ng/ul	95
22) Nitrobenzene	9.299	77	158426	9.256	ng/ul	98
23) Isophorone	9.816	82	289118	8.943	ng/ul	100
25) 2-Nitrophenol	10.004	139	54519	8.212	ng/ul	98
26) 2,4-Dimethylphenol	10.040	107	146245	9.344	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.298	93	195432	9.431	ng/ul	99
29) 2,4-Dichlorophenol	10.522	162	107779	9.166	ng/ul	98
30) Naphthalene	10.945	128	437427	9.635	ng/ul	99
32) 4-Chloroaniline	11.069	127	186123	9.585	ng/ul	98
33) Hexachlorobutadiene	11.181	225	67521	9.526	ng/ul	99
34) Caprolactam	11.869	113	35498	7.686	ng/ul	96
35) 4-Chloro-3-methylphenol	12.157	107	130326	9.068	ng/ul	99
36) 2-Methylnaphthalene	12.540	142	290714	9.559	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.763	142	298595	9.751	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.887	216	138543	9.436	ng/ul	98
40) Hexachlorocyclopentadiene	12.845	237	68563	7.674	ng/ul	99
41) 2,4,6-Trichlorophenol	13.139	196	76810	8.405	ng/ul	98
42) 2,4,5-Trichlorophenol	13.204	196	84358	8.516	ng/ul	99
43) 1,1'-Biphenyl	13.545	154	386050	9.461	ng/ul	99
44) 2-Chloronaphthalene	13.592	162	300620	9.469	ng/ul	98
45) 2-Nitroaniline	13.816	65	79379	8.269	ng/ul	95
47) Dimethylphthalate	14.163	163	386938	9.531	ng/ul	99
48) 2,6-Dinitrotoluene	14.304	165	56076	7.975	ng/ul	93
50) Acenaphthylene	14.439	152	502369	9.518	ng/ul	99
51) 3-Nitroaniline	14.639	138	67622	8.577	ng/ul	93
52) Acenaphthene	14.775	153	343433	9.720	ng/ul	98
53) 2,4-Dinitrophenol	14.839	184	20033	5.118	ng/ul	99
55) 4-Nitrophenol	14.916	109	56171	8.542	ng/ul	95
56) Dibenzofuran	15.110	168	475239	9.859	ng/ul	99
57) 2,4-Dinitrotoluene	15.081	165	88275	8.383	ng/ul#	90
58) 2,3,4,6-Tetrachlorophenol	15.322	232	70915	8.545	ng/ul	95
59) Diethylphthalate	15.522	149	392237	9.450	ng/ul	99
61) Fluorene	15.757	166	391296	9.900	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.751	204	183232	9.875	ng/ul	98
63) 4-Nitroaniline	15.804	138	71597	9.489	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.833	198	43482	6.557	ng/ul#	93
67) N-Nitrosodiphenylamine	15.975	169	322581	9.466	ng/ul	100
68) 4-Bromophenyl-phenylether	16.651	248	102989	9.175	ng/ul	97
69) Hexachlorobenzene	16.733	284	122954	9.375	ng/ul	94
70) Atrazine	16.922	200	104254	8.504	ng/ul	99
71) Pentachlorophenol	17.098	266	57352	7.102	ng/ul	95
72) Phenanthrene	17.516	178	645993	9.753	ng/ul	100
74) Anthracene	17.610	178	653841	9.828	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.498	216	145025	9.077	ng/uL	97
76) Pentachlorobenzene	15.004	250	134621	9.391	ng/uL	99
77) Carbazole	17.886	167	598302	9.759	ng/ul	99
78) Di-n-butylphthalate	18.404	149	649321	9.149	ng/ul	99
80) Fluoranthene	19.480	202	754396	9.027	ng/ul	99
82) Pyrene	19.833	202	828228	9.386	ng/ul	99
83) Butylbenzylphthalate	20.692	149	285731	8.038	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.492	252	246375	8.467	ng/ul	99
85) Benzo(a)anthracene	21.551	228	856725	9.540	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.433	149	415046	8.045	ng/ul	100
87) Chrysene	21.610	228	816401	9.715	ng/ul	97
89) Di-n-octyl phthalate	22.421	149	725342	7.457	ng/ul	100
90) Benzo(b)fluoranthene	23.351	252	846934	9.123	ng/ul	100
91) Benzo(k)fluoranthene	23.404	252	873739	9.487	ng/ul	99
93) Benzo(a)pyrene	24.039	252	814420	9.300	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.903	276	979468	9.477	ng/ul	99
95) Dibenzo(a,h)anthracene	26.933	278	819835	9.532	ng/ul	99
96) Benzo(g,h,i)perylene	27.762	276	783917	9.530	ng/ul	98

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

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