Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022844.D
Acq On : 05 Nov 2024 03:07
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020699

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/08/2024

Quant Time: Nov 05 04:22:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 30 10:56:39 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	86391	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.381	136	327644	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.257	164	267425	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.057	188	665930	20.000	ng/ul	0.00
79) Chrysene-d12	21.486	240	695114	20.000	ng/ul	#-0.01
88) Perylene-d12	24.727	264	757714	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	15462	6.955	ng/uL	0.00
4) Pyridine-d5	3.587	84	110221	18.060	ng/ul	0.00
7) Phenol-d5	6.822	99	136984	18.837	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	6.975	67	82648	19.337	ng/ul	0.00
11) 2-Chlorophenol-d4	7.169	132	105503	20.446	ng/ul	-0.01
15) 4-Methylphenol-d8	8.334	113	113796	19.608	ng/ul	-0.01
21) Nitrobenzene-d5	8.769	128	53787	21.350	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.481	143	63249	21.685	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.022	165	139564	22.514	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.522	131	152700	20.847	ng/ul	-0.02
46) Dimethylphthalate-d6	13.645	166	457264	21.521	ng/ul	-0.02
49) Acenaphthylene-d8	13.939	160	483975	21.446	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.492	143	62700	17.590	ng/ul	-0.02
60) Fluorene-d10	15.269	176	398324	21.613	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	83810	19.136	ng/ul	0.00
73) Anthracene-d10	17.151	188	669007	21.356	ng/ul	-0.02
81) Pyrene-d10	19.539	212	833011	22.661	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.515	264	876766	21.667	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.211	88	16028	6.705	ng/uL	97
5) Pyridine	3.605	79	113279	18.102	ng/ul	97
6) Benzaldehyde	6.793	77	76987	19.590	ng/ul	99
8) Phenol	6.852	94	141992	18.767	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.063	93	112952	19.948	ng/ul	97
12) 2-Chlorophenol	7.199	128	107373	20.123	ng/ul	96
13) 2-Methylphenol	8.075	108	105608	19.234	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.134	45	129765	19.719	ng/ul	97
16) Acetophenone	8.440	105	193087	20.153	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.416	70	99902	20.580	ng/ul	99
18) 4-Methylphenol	8.393	108	118382	19.434	ng/ul	98
19) Hexachloroethane	8.681	117	51179	20.595	ng/ul	94
22) Nitrobenzene	8.810	77	149204	19.841	ng/ul	99
23) Isophorone	9.334	82	274361	20.349	ng/ul	97
25) 2-Nitrophenol	9.510	139	68377	21.753	ng/ul	97
26) 2,4-Dimethylphenol	9.581	107	148502	21.735	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.798	93	156545	20.449	ng/ul	99
29) 2,4-Dichlorophenol	10.046	162	135067	22.126	ng/ul	96
30) Naphthalene	10.428	128	374285	21.447	ng/ul	99
32) 4-Chloroaniline	10.546	127	149740	20.710	ng/ul	99
33) Hexachlorobutadiene	10.710	225	117886	22.912	ng/ul	98
34) Caprolactam	11.345	113	37152m	18.878	ng/ul	
35) 4-Chloro-3-methylphenol	11.693	107	146602	22.011	ng/ul	99
36) 2-Methylnaphthalene	12.045	142	278269	21.723	ng/ul	98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.269	142	282655	21.618	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	12.416	216	221399	22.390	ng/ul	97
40)	Hexachlorocyclopentadiene	12.392	237	140814	23.373	ng/ul	100
41)	2,4,6-Trichlorophenol	12.669	196	134576	21.636	ng/ul	98
42)	2,4,5-Trichlorophenol	12.757	196	143385	21.650	ng/ul	98
43)	1,1'-Biphenyl	13.069	154	409955	21.268	ng/ul	99
44)	2-Chloronaphthalene	13.110	162	330517	20.946	ng/ul	98
45)	2-Nitroaniline	13.322	65	95919	20.358	ng/ul	96
47)	Dimethylphthalate	13.692	163	447770	21.149	ng/ul	99
48)	2,6-Dinitrotoluene	13.834	165	88328	22.056	ng/ul	95
50)	Acenaphthylene	13.963	152	493086	21.053	ng/ul	99
51)	3-Nitroaniline	14.175	138	72129	19.177	ng/ul	95
52)	Acenaphthene	14.304	153	351098	21.199	ng/ul	99
53)	2,4-Dinitrophenol	14.386	184	56858	19.297	ng/ul	97
55)	4-Nitrophenol	14.516	109	73012	18.455	ng/ul	91
56)	Dibenzofuran	14.651	168	545593	21.931	ng/ul	99
57)	2,4-Dinitrotoluene	14.634	165	139258	22.378	ng/ul	98
58)	2,3,4,6-Tetrachlorophenol	14.910	232	139671	22.594	ng/ul	97
59)	Diethylphthalate	15.092	149	449257	22.117	ng/ul	98
61)	Fluorene	15.322	166	439432	21.678	ng/ul	98
62)	4-Chlorophenyl-phenyle...	15.310	204	258967	22.340	ng/ul	99
63)	4-Nitroaniline	15.351	138	74770	19.755	ng/ul	91
66)	4,6-Dinitro-2-methylph...	15.422	198	90695	19.225	ng/ul	98
67)	N-Nitrosodiphenylamine	15.539	169	383335	21.496	ng/ul	99
68)	4-Bromophenyl-phenylether	16.228	248	185754	23.131	ng/ul	97
69)	Hexachlorobenzene	16.345	284	227533	23.018	ng/ul	99
70)	Atrazine	16.516	200	165460	22.321	ng/ul	95
71)	Pentachlorophenol	16.704	266	136814	21.526	ng/ul	96
72)	Phenanthrene	17.098	178	747228	20.973	ng/ul	99
74)	Anthracene	17.192	178	754300	21.215	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.034	216	219115	21.610	ng/uL	99
76)	Pentachlorobenzene	14.581	250	252985	22.570	ng/uL	99
77)	Carbazole	17.475	167	644456	20.485	ng/ul	98
78)	Di-n-butylphthalate	18.069	149	800308	22.991	ng/ul	100
80)	Fluoranthene	19.192	202	977913	23.141	ng/ul	99
82)	Pyrene	19.574	202	1008479	22.266	ng/ul#	97
83)	Butylbenzylphthalate	20.516	149	358994	22.765	ng/ul	96
84)	3,3'-Dichlorobenzidine	21.398	252	338884	20.452	ng/ul	99
85)	Benzo(a)anthracene	21.468	228	1015937	20.848	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.398	149	528026	23.328	ng/ul	98
87)	Chrysene	21.533	228	924649	20.464	ng/ul	100
89)	Di-n-octyl phthalate	22.639	149	847094	23.503	ng/ul	100
90)	Benzo(b)fluoranthene	23.710	252	1033056	21.659	ng/ul#	99
91)	Benzo(k)fluoranthene	23.774	252	1040500m	22.282	ng/ul	
93)	Benzo(a)pyrene	24.580	252	925185	21.077	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	28.403	276	1233120m	21.051	ng/ul	
95)	Dibenzo(a,h)anthracene	28.468	278	982474	20.712	ng/ul	99
96)	Benzo(g,h,i)perylene	29.568	276	928917	20.387	ng/ul	98

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

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