Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
Data File : BP022402.D
Acq On : 16 Oct 2024 00:25
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020654

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/22/2024

Quant Time: Oct 16 02:57:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 14 11:01:55 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	120223	20.000	ng/ul	0.00
20) Naphthalene-d8	10.451	136	446154	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.304	164	346533	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.110	188	925617	20.000	ng/ul	0.00
79) Chrysene-d12	21.533	240	1122705	20.000	ng/ul	-0.02
88) Perylene-d12	24.827	264	1317014	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	19130	6.183	ng/uL	0.00
4) Pyridine-d5	3.634	84	145014	17.074	ng/ul	0.00
7) Phenol-d5	6.881	99	186562	18.435	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	109069	18.337	ng/ul	0.00
11) 2-Chlorophenol-d4	7.240	132	141556	19.713	ng/ul	0.00
15) 4-Methylphenol-d8	8.399	113	148314	18.364	ng/ul	0.00
21) Nitrobenzene-d5	8.834	128	68870	20.076	ng/ul	0.00
24) 2-Nitrophenol-d4	9.552	143	82258	20.711	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	171710	20.342	ng/ul	0.00
31) 4-Chloroaniline-d4	10.587	131	188017	18.850	ng/ul	0.00
46) Dimethylphthalate-d6	13.704	166	534437	19.411	ng/ul	0.00
49) Acenaphthylene-d8	13.992	160	583669	19.959	ng/ul	0.00
54) 4-Nitrophenol-d4	14.522	143	94225	20.400	ng/ul	-0.02
60) Fluorene-d10	15.310	176	484431	20.285	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.439	200	110233	18.108	ng/ul	0.00
73) Anthracene-d10	17.204	188	854069	19.614	ng/ul	0.00
81) Pyrene-d10	19.586	212	1151554	19.396	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.604	264	1317507	18.732	ng/ul	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.258	88	21576	6.486	ng/uL	95
5) Pyridine	3.652	79	154343	17.723	ng/ul	97
6) Benzaldehyde	6.852	77	119105	21.779	ng/ul	98
8) Phenol	6.910	94	190965	18.137	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.128	93	148497	18.845	ng/ul	97
12) 2-Chlorophenol	7.269	128	142030	19.127	ng/ul	97
13) 2-Methylphenol	8.134	108	141651	18.538	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.210	45	163392	17.841	ng/ul	98
16) Acetophenone	8.505	105	240895	18.067	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.493	70	122464	18.129	ng/ul	97
18) 4-Methylphenol	8.457	108	152192	17.954	ng/ul	100
19) Hexachloroethane	8.757	117	67124	19.410	ng/ul	99
22) Nitrobenzene	8.875	77	198501	19.385	ng/ul	100
23) Isophorone	9.399	82	339695	18.502	ng/ul	99
25) 2-Nitrophenol	9.581	139	85469	19.968	ng/ul	95
26) 2,4-Dimethylphenol	9.646	107	177901	19.122	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.869	93	198977	19.087	ng/ul	98
29) 2,4-Dichlorophenol	10.110	162	163258	19.640	ng/ul	99
30) Naphthalene	10.504	128	468675	19.723	ng/ul	98
32) 4-Chloroaniline	10.616	127	185086	18.799	ng/ul	97
33) Hexachlorobutadiene	10.787	225	140265	20.020	ng/ul	97
34) Caprolactam	11.393	113	49535m	18.484	ng/ul	
35) 4-Chloro-3-methylphenol	11.740	107	179026	19.739	ng/ul	99
36) 2-Methylnaphthalene	12.104	142	339867	19.484	ng/ul	97

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.328	142	351742	19.756	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.481	216	255029	19.903	ng/ul	96
40)	Hexachlorocyclopentadiene	12.457	237	143039	18.323	ng/ul	100
41)	2,4,6-Trichlorophenol	12.728	196	160742	19.944	ng/ul	96
42)	2,4,5-Trichlorophenol	12.798	196	172903	20.147	ng/ul	99
43)	1,1'-Biphenyl	13.122	154	490157	19.624	ng/ul	100
44)	2-Chloronaphthalene	13.169	162	412354	20.167	ng/ul	99
45)	2-Nitroaniline	13.381	65	119621	19.592	ng/ul	95
47)	Dimethylphthalate	13.757	163	526032	19.174	ng/ul	100
48)	2,6-Dinitrotoluene	13.881	165	113259	21.826	ng/ul	95
50)	Acenaphthylene	14.022	152	626736	20.650	ng/ul	99
51)	3-Nitroaniline	14.210	138	100812	20.684	ng/ul	97
52)	Acenaphthene	14.369	153	417500	19.454	ng/ul	99
53)	2,4-Dinitrophenol	14.428	184	82953	21.727	ng/ul	96
55)	4-Nitrophenol	14.534	109	112184	21.883	ng/ul	93
56)	Dibenzofuran	14.704	168	633489	19.651	ng/ul	99
57)	2,4-Dinitrotoluene	14.681	165	172084	21.340	ng/ul	98
58)	2,3,4,6-Tetrachlorophenol	14.939	232	170834	21.327	ng/ul	99
59)	Diethylphthalate	15.134	149	527531	20.042	ng/ul	98
61)	Fluorene	15.369	166	542615	20.658	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.363	204	305007	20.305	ng/ul	99
63)	4-Nitroaniline	15.392	138	112922	23.025	ng/ul	91
66)	4,6-Dinitro-2-methylph...	15.457	198	118933	18.138	ng/ul#	99
67)	N-Nitrosodiphenylamine	15.581	169	458896	18.513	ng/ul	99
68)	4-Bromophenyl-phenylether	16.275	248	214823	19.246	ng/ul	98
69)	Hexachlorobenzene	16.404	284	271951	19.793	ng/ul	99
70)	Atrazine	16.557	200	182270	17.690	ng/ul	96
71)	Pentachlorophenol	16.757	266	176191	19.944	ng/ul	94
72)	Phenanthrene	17.151	178	960494	19.396	ng/ul	100
74)	Anthracene	17.233	178	983298	19.897	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.092	216	254600	18.065	ng/uL	97
76)	Pentachlorobenzene	14.628	250	282193	18.112	ng/uL	98
77)	Carbazole	17.522	167	855606	19.567	ng/ul	98
78)	Di-n-butylphthalate	18.116	149	923785	19.093	ng/ul	100
80)	Fluoranthene	19.245	202	1333535	19.538	ng/ul	99
82)	Pyrene	19.616	202	1407328	19.238	ng/ul	100
83)	Butylbenzylphthalate	20.557	149	478634	18.792	ng/ul	99
84)	3,3'-Dichlorobenzidine	21.439	252	526771	19.683	ng/ul	97
85)	Benzo(a)anthracene	21.516	228	1530251	19.443	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.451	149	677375	18.528	ng/ul	100
87)	Chrysene	21.580	228	1405488	19.259	ng/ul	99
89)	Di-n-octyl phthalate	22.704	149	1186245	18.936	ng/ul	100
90)	Benzo(b)fluoranthene	23.786	252	1651908m	19.926	ng/ul	
91)	Benzo(k)fluoranthene	23.857	252	1563831	19.267	ng/ul	99
93)	Benzo(a)pyrene	24.686	252	1482781	19.434	ng/ul	98
94)	Indeno(1,2,3-cd)pyrene	28.568	276	1854399m	18.213	ng/ul	
95)	Dibenzo(a,h)anthracene	28.633	278	1515103	18.376	ng/ul	99
96)	Benzo(g,h,i)perylene	29.715	276	1500154	18.942	ng/ul	100

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

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