Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111224\
Data File : BP023031.D
Acq On : 12 Nov 2024 03:13
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020711

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/13/2024
Supervised By :mohammad ahmed 11/14/2024

Quant Time: Nov 12 04:22:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 11 22:00:58 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.587	152	70562	20.000	ng/ul	0.00
20) Naphthalene-d8	10.334	136	286398	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.210	164	237328	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.016	188	590263	20.000	ng/ul	0.00
79) Chrysene-d12	21.445	240	695811	20.000	ng/ul	-0.01
88) Perylene-d12	24.668	264	802639	20.000	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	13507	9.201	ng/uL	0.00
4) Pyridine-d5	3.552	84	92269	21.156	ng/ul	0.00
7) Phenol-d5	6.787	99	113575	21.771	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.934	67	65749	21.452	ng/ul	0.00
11) 2-Chlorophenol-d4	7.134	132	83884	21.955	ng/ul	0.00
15) 4-Methylphenol-d8	8.293	113	92777	21.611	ng/ul	0.00
21) Nitrobenzene-d5	8.728	128	43186	21.660	ng/ul	0.00
24) 2-Nitrophenol-d4	9.445	143	50014	21.041	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.981	165	107123	21.520	ng/ul	0.00
31) 4-Chloroaniline-d4	10.492	131	121062	20.386	ng/ul	0.00
46) Dimethylphthalate-d6	13.604	166	363470	21.249	ng/ul	0.00
49) Acenaphthylene-d8	13.892	160	385378	21.592	ng/ul	0.00
54) 4-Nitrophenol-d4	14.463	143	49642	19.312	ng/ul	0.00
60) Fluorene-d10	15.222	176	312902	20.865	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.363	200	72634	20.541	ng/ul	0.00
73) Anthracene-d10	17.122	188	544555	21.789	ng/ul	0.01
81) Pyrene-d10	19.492	212	693611	21.642	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.451	264	852127	22.288	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.175	88	14426	8.505	ng/uL	96
5) Pyridine	3.569	79	94728	21.627	ng/ul	99
6) Benzaldehyde	6.757	77	79766	26.570	ng/ul	95
8) Phenol	6.816	94	116206	21.331	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.028	93	88256	21.559	ng/ul	93
12) 2-Chlorophenol	7.169	128	87595	22.082	ng/ul	97
13) 2-Methylphenol	8.040	108	85736	21.084	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.098	45	101920	21.993	ng/ul	95
16) Acetophenone	8.404	105	155702	21.583	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.381	70	80688	22.401	ng/ul	97
18) 4-Methylphenol	8.363	108	95437	21.248	ng/ul	99
19) Hexachloroethane	8.634	117	39670	20.678	ng/ul	98
22) Nitrobenzene	8.775	77	122313	21.379	ng/ul	99
23) Isophorone	9.293	82	221017	21.605	ng/ul	96
25) 2-Nitrophenol	9.475	139	53624	21.373	ng/ul	97
26) 2,4-Dimethylphenol	9.540	107	115012	21.229	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.763	93	121496	21.585	ng/ul	100
29) 2,4-Dichlorophenol	10.010	162	104079	21.109	ng/ul	96
30) Naphthalene	10.387	128	294182	21.143	ng/ul	99
32) 4-Chloroaniline	10.510	127	119377	20.749	ng/ul	93
33) Hexachlorobutadiene	10.657	225	89599	20.083	ng/ul	96
34) Caprolactam	11.304	113	30601m	20.866	ng/ul	
35) 4-Chloro-3-methylphenol	11.657	107	115527	21.780	ng/ul	96
36) 2-Methylnaphthalene	12.004	142	224471	21.369	ng/ul	96

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.210	142	230624	21.477	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.381	216	168365	21.013	ng/ul	97
40)	Hexachlorocyclopentadiene	12.345	237	79991	19.008	ng/ul	98
41)	2,4,6-Trichlorophenol	12.622	196	105159	21.554	ng/ul	95
42)	2,4,5-Trichlorophenol	12.716	196	112515	21.392	ng/ul	99
43)	1,1'-Biphenyl	13.016	154	325574	21.409	ng/ul	99
44)	2-Chloronaphthalene	13.069	162	263121	21.166	ng/ul	99
45)	2-Nitroaniline	13.281	65	75345	21.585	ng/ul	92
47)	Dimethylphthalate	13.657	163	354280	21.002	ng/ul	99
48)	2,6-Dinitrotoluene	13.798	165	71306	21.731	ng/ul	99
50)	Acenaphthylene	13.922	152	387273	21.466	ng/ul	99
51)	3-Nitroaniline	14.139	138	62891	22.253	ng/ul	99
52)	Acenaphthene	14.275	153	282798	21.591	ng/ul	99
53)	2,4-Dinitrophenol	14.357	184	41029	17.622	ng/ul	97
55)	4-Nitrophenol	14.480	109	58251	19.369	ng/ul	97
56)	Dibenzofuran	14.622	168	429280	21.213	ng/ul	100
57)	2,4-Dinitrotoluene	14.604	165	111170	21.257	ng/ul	100
58)	2,3,4,6-Tetrachlorophenol	14.863	232	111032	21.596	ng/ul	96
59)	Diethylphthalate	15.039	149	350188	20.990	ng/ul	98
61)	Fluorene	15.280	166	348392	21.034	ng/ul	96
62)	4-Chlorophenyl-phenyle...	15.269	204	201393	20.650	ng/ul	99
63)	4-Nitroaniline	15.322	138	61079	23.225	ng/ul	91
66)	4,6-Dinitro-2-methylph...	15.375	198	75199	19.909	ng/ul	98
67)	N-Nitrosodiphenylamine	15.486	169	302029	22.144	ng/ul	99
68)	4-Bromophenyl-phenylether	16.174	248	143026	21.398	ng/ul	97
69)	Hexachlorobenzene	16.304	284	177920	21.144	ng/ul	96
70)	Atrazine	16.469	200	138955	21.076	ng/ul	100
71)	Pentachlorophenol	16.669	266	103378	19.789	ng/ul	99
72)	Phenanthrene	17.063	178	609446	21.868	ng/ul	99
74)	Anthracene	17.151	178	606519	21.646	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	12.981	216	168195	21.582	ng/uL	99
76)	Pentachlorobenzene	14.539	250	191153	21.481	ng/uL	98
77)	Carbazole	17.445	167	542181	22.179	ng/ul	98
78)	Di-n-butylphthalate	18.021	149	582307	21.465	ng/ul	99
80)	Fluoranthene	19.151	202	802241	21.727	ng/ul	99
82)	Pyrene	19.527	202	845641	21.319	ng/ul	99
83)	Butylbenzylphthalate	20.486	149	277637	21.260	ng/ul	99
84)	3,3'-Dichlorobenzidine	21.357	252	339124	21.713	ng/ul	99
85)	Benzo(a)anthracene	21.427	228	912712	21.482	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.357	149	401622	21.641	ng/ul	99
87)	Chrysene	21.498	228	860230	21.518	ng/ul	99
89)	Di-n-octyl phthalate	22.580	149	677777	20.814	ng/ul	100
90)	Benzo(b)fluoranthene	23.656	252	978727	21.908	ng/ul	100
91)	Benzo(k)fluoranthene	23.721	252	977424	22.225	ng/ul	99
93)	Benzo(a)pyrene	24.515	252	883174	21.869	ng/ul	100
94)	Indeno(1,2,3-cd)pyrene	28.333	276	1184621m	21.054	ng/ul	
95)	Dibenzo(a,h)anthracene	28.386	278	952828	20.856	ng/ul	100
96)	Benzo(g,h,i)perylene	29.456	276	892096	20.874	ng/ul	99

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

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