Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032224\
Data File : BP019955.D
Acq On : 22 Mar 2024 12:51
Operator : MA/JU
Sample : SSTD04085
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 22 16:03:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 22 15:51:30 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD040605

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	156364	20.000	ng/ul	0.00
20) Naphthalene-d8	10.375	136	659695	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.251	164	429827	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.092	188	834063	20.000	ng/ul	0.00
79) Chrysene-d12	21.551	240	566213	20.000	ng/ul	0.00
88) Perylene-d12	24.862	264	605615	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	56680	15.882	ng/uL	0.00
4) Pyridine-d5	3.640	84	433467	40.226	ng/ul	0.00
7) Phenol-d5	6.805	99	555288	42.107	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	357935	41.660	ng/ul	0.00
11) 2-Chlorophenol-d4	7.157	132	396298	41.844	ng/ul	0.00
15) 4-Methylphenol-d8	8.316	113	440765	43.200	ng/ul	0.00
21) Nitrobenzene-d5	8.769	128	208210	41.177	ng/ul	0.00
24) 2-Nitrophenol-d4	9.475	143	242627	42.887	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.004	165	437695	42.362	ng/ul	0.00
31) 4-Chloroaniline-d4	10.522	131	565432	41.979	ng/ul	0.00
46) Dimethylphthalate-d6	13.681	166	1227833	40.743	ng/ul	0.01
49) Acenaphthylene-d8	13.945	160	1421263	40.372	ng/ul	0.00
54) 4-Nitrophenol-d4	14.498	143	195470	41.258	ng/ul	0.00
60) Fluorene-d10	15.286	176	1030009	40.122	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.428	200	205015	41.064	ng/ul	0.00
73) Anthracene-d10	17.192	188	1493875	40.462	ng/ul	0.00
81) Pyrene-d10	19.592	212	1534845	46.202	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.627	264	1187464	40.790	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.275	88	63098	15.493	ng/uL	96
5) Pyridine	3.658	79	444961	40.510	ng/ul	98
6) Benzaldehyde	6.787	77	299207	46.126	ng/ul	100
8) Phenol	6.834	94	576617	41.821	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.063	93	473909	42.443	ng/ul	98
12) 2-Chlorophenol	7.187	128	415367	41.616	ng/ul	97
13) 2-Methylphenol	8.057	108	432564	43.522	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.134	45	658246	42.872	ng/ul	100
16) Acetophenone	8.434	105	718559	43.662	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.422	70	411384	44.817	ng/ul	99
18) 4-Methylphenol	8.381	108	465769	43.540	ng/ul	99
19) Hexachloroethane	8.663	117	188855	40.738	ng/ul	96
22) Nitrobenzene	8.810	77	594868	41.303	ng/ul	99
23) Isophorone	9.328	82	1137627	42.374	ng/ul	99
25) 2-Nitrophenol	9.504	139	250691	42.506	ng/ul	99
26) 2,4-Dimethylphenol	9.557	107	534082	41.484	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.804	93	658523	41.948	ng/ul	100
29) 2,4-Dichlorophenol	10.028	162	422540	41.805	ng/ul	100
30) Naphthalene	10.422	128	1359822	40.180	ng/ul	100
32) 4-Chloroaniline	10.546	127	549919	41.602	ng/ul	97
33) Hexachlorobutadiene	10.687	225	318765	40.019	ng/ul	99
34) Caprolactam	11.357	113	133967m	42.596	ng/ul	
35) 4-Chloro-3-methylphenol	11.675	107	494161	44.011	ng/ul	99
36) 2-Methylnaphthalene	12.045	142	930904	41.312	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.263	142	937089	41.581	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.416	216	571199	40.194	ng/ul	100
40) Hexachlorocyclopentadiene	12.381	237	328896	40.899	ng/ul	98
41) 2,4,6-Trichlorophenol	12.663	196	365803	41.900	ng/ul	100
42) 2,4,5-Trichlorophenol	12.745	196	384070	42.534	ng/ul	99
43) 1,1'-Biphenyl	13.075	154	1244989	39.996	ng/ul	99
44) 2-Chloronaphthalene	13.116	162	1002988	39.956	ng/ul	99
45) 2-Nitroaniline	13.340	65	340104	43.013	ng/ul	99
47) Dimethylphthalate	13.722	163	1231326	40.480	ng/ul	100
48) 2,6-Dinitrotoluene	13.839	165	263998	42.746	ng/ul	96
50) Acenaphthylene	13.981	152	1597022	40.566	ng/ul	99
51) 3-Nitroaniline	14.181	138	237155	41.696	ng/ul	97
52) Acenaphthene	14.328	153	1051113	40.191	ng/ul	99
53) 2,4-Dinitrophenol	14.422	184	150361	42.779	ng/ul	92
55) 4-Nitrophenol	14.510	109	178211	40.990	ng/ul	95
56) Dibenzofuran	14.669	168	1416476	39.880	ng/ul	99
57) 2,4-Dinitrotoluene	14.657	165	349113	41.345	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.904	232	317080	40.947	ng/ul	99
59) Diethylphthalate	15.116	149	1217348	40.357	ng/ul	99
61) Fluorene	15.339	166	1148442	39.644	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.322	204	625078	40.285	ng/ul	100
63) 4-Nitroaniline	15.381	138	199253	41.888	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.439	198	219098	41.351	ng/ul	99
67) N-Nitrosodiphenylamine	15.563	169	962436	41.775	ng/ul	99
68) 4-Bromophenyl-phenylether	16.257	248	382896	42.299	ng/ul	96
69) Hexachlorobenzene	16.375	284	415188	41.306	ng/ul	96
70) Atrazine	16.551	200	355902	40.321	ng/ul	96
71) Pentachlorophenol	16.728	266	243523	41.329	ng/ul	97
72) Phenanthrene	17.133	178	1722970	39.955	ng/ul	99
74) Anthracene	17.228	178	1755231	40.087	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.028	216	565790	41.606	ng/uL	98
76) Pentachlorobenzene	14.575	250	531448	42.199	ng/uL	99
77) Carbazole	17.528	167	1470421	39.272	ng/ul	100
78) Di-n-butylphthalate	18.110	149	1872772	39.581	ng/ul	100
80) Fluoranthene	19.239	202	1859105	47.644	ng/ul	99
82) Pyrene	19.622	202	1880309	46.365	ng/ul	99
83) Butylbenzylphthalate	20.592	149	725004	44.026	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.468	252	476541	39.576	ng/ul	99
85) Benzo(a)anthracene	21.533	228	1609405	41.074	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.486	149	1000626	41.584	ng/ul	98
87) Chrysene	21.598	228	1492390	40.967	ng/ul	99
89) Di-n-octyl phthalate	22.751	149	1641593	42.738	ng/ul	100
90) Benzo(b)fluoranthene	23.815	252	1444977	40.672	ng/ul	100
91) Benzo(k)fluoranthene	23.880	252	1467508	40.647	ng/ul	99
93) Benzo(a)pyrene	24.692	252	1392064	40.507	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.627	276	1762551m	40.743	ng/ul	
95) Dibenzo(a,h)anthracene	28.709	278	1453245	41.322	ng/ul	97
96) Benzo(g,h,i)perylene	29.803	276	1415805m	40.479	ng/ul	

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

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